



中國海洋大學

SUPERVISOR INFORMATION

OCEAN UNIVERSITY OF CHINA (OUC)

山東 · 青島 (Qingdao, Shandong)

CONTENTS

Environment & Resource Protection Law

Xiangmin Xu	1
Xiao Peng	2
Huirong	3

Marine Meteorology

Qinyu Liu	4
Gang Fu	5
Qi Wang	6
Jilin Sun	7
Dehai Luo	8

Physical Oceanography

Dexing Wu	9
Jinping Zhao	10
Dongliang Zhao	11
WEI Hao	12
Daxiong Piao	13
Wensheng Jiang	14
Changlong Guan	15
Lixin Wu	16
Jiwei Tian	17
Wang Wei	18

Marine Biology

Shicui Zhang	19
Zhenmin Bao	20
Quanqi Zhang	21
Zhengming Chi	22
Wanshun Liu	23

Marine Geo-science

Shikui Zhai	24
Fanshun Meng	25
Sanzhong Li	26
Zuosheng Yang	28

Applied oceanography

Zhisong Fan	29
-------------	----

Marine Information Exploration and Process

Xinguo Liu	30
Cunchen Gao	31
Linshang Wang	32

Marine Geo-physics		
	Jinliang Zhang	33
	Huaishan Liu	34
Marine Geo-chemistry		
	Zhigang Guo	35
Marine Chemical Engineering and Technology		
	Caifeng Bi	37
Aquatic Biology		
	Weibo Song	38
	Xiaoyu Kong	39
	Xiaozhong Hu	40
Microbiology		
	Xiaohua Zhang	41
Cytobiology		
	Tingjun Fan	42
	Zhi Feng Zhang	43
Biochemistry and Molecular Biology		
	Wengong Yu	44
	Guanpin Yang	45
	Xi Guang Chen	46
Ecology		
	Xuexi Tang	47
	Shaoguo Ru	48
Computer Applied Technology		
	Gongyou Tang	49
	Xiangqian Ding	50
Harbor, Coast & Offshore Engineering		
	Huajun Li	51
	Ning Mei	52
	Haiyan Guo	53
	Dingyong Yu	54
	Yinbang Wang	55
	Weiping Huang	56
	Bing SHI	57
	Sheng DONG	58
Environmental Science		
	Huiwang Gao	59
	Zhenyu Wang	60
Environmental Engineering		
	Xilai Zheng	61
	Guanqun Liu	62
Food Science		
	Hong Lin	63

	Bafang Li	64
	Dongfeng Wang	65
Aquaculture		
	Shuanglin Dong	66
	Kangsen Mai	68
	Wenbin Zhan	69
	Qi Li	70
	Shen Ma	71
	Beiping Tan	72
	Luqing Pan	73
	Zhaoping Wang	74
Fishing Technology		
	Zhenlin Liang	75
Fisheries Resource		
	Qun Liu	76
	Tianxiang Gao	77
Fishery Economics and Management		
	Qiang Gao	78
	Miao Wang	79
Multiplication and Breed Aquatics Engineering		
	Xiumei Zhang	80
Pharmaceutical Chemistry		
	Tao Jiang	81
	Yingxia Li	82
	Guoqiang Li	83
	Weiming Zhu	84
Biological pharmaceuticals		
	Qianqun Gu	85
	Changyun Wang	86
	Guangli Yu	87
Accounting		
	Fukai Luo	88
	Guojun Xu	89
Agricultural Economy & Management		
	Jian Sun	90
	Xijian Quan	91

- 1.Name: Xiangmin Xu
- 2.Gender: Male
- 3.Academic Degree: Ph.D
- 4.Professional Title: Professor
- 5.Position: Dean of Law and Politic School, Director of Ocean Development and Research Center, Vice-dean of Ocean Development and Research Institute
- 6.Tel: 86+532 66781857
- 7.Fax: 86+532 66781851
- 8.Email: xuxiangmin58@163.com
- 9.Research fields: Environment Law, Sea Laws

10. Major research program undertaken or accomplished:

- (1) Research on the Ocean Development Strategies of China Bidding Program for Tackling Key Problems in Humanities and Social Science granted by Ministry of Education Top Expert 800,000 YMB 2003-2006
- (2) Governance Analysis of Yellow Sea Large Marine Ecosystem Project UNDP/GEF Yellow Sea Project Leader 21,000 USD 2006, Feb.-Aug.
- (3) Legal Issues on the Integrative Decision-making of Environment and Development Major Research Program for Humanities and Social Science granted by Ministry of Education Assistant Director 200,000YMB 2002-2005

11. Recent academic publications:

- (1) Xu Xiangmin. The mission of environmental law—seen from environmental trespass. *City Construction*, 2006, 1vol.
- (2) Xu Xiangmin, Meng Qinglei, Liu Aijun. Some doubts on the theory of natural right. *XueHai*, 2005, 6vol.
- (3) Xu Xiangmin. Theory of environmental right—seen from different periods in the history of human right. *China Social Science*, 2004, 4vol. Photocopied by Economic Law and Labor Law, 2005, 1vol. (Photocopied Data from the Press by People' s University)
- (4) Xu Xiangmin. Some doubts on the theory of citizens' right to environment. *China Legal Science*, 2004, 2vol.
- (5) Xu Xiangmin. My opinion on the essential of modern international sea laws. *Journal of Ocean University of China*, 2003, 4vol.

1.Name: Peng Xiao

2. Gender: Male

3. Academic Degree: Bachelor

4. Professional Title: Professor

5. Position: _____

6.Tel: 86+532 8590 2929

7.Fax: 86+532 6678 1851

8.Email: _____

9. Research fields: International Economic Law & International Environment Law

10. Major research program undertaken or accomplished:

(1)Research on Environment Insurance **Provincial Science & Society Central Project
2004-2006 RMB 10,000**

(2)Research on the Feasibility of Foreign Capital Enterprises' Environment Insurance
Qingdao Foreign Economic and Trade Committee 2006-2008 RMB 40,000

(3)Research on the Standards of Acceptance of Environmental Infringement
Qingdao Procuratorate 2006-2008 RMB 80,000

11. Recent academic publications:

(1)Talk on the Legal Questions of the Environment Impact of Radioactive Gas to
Treasury *Archives Study* No.1,1996 Page:10-13

(2)On the Third Party and Arbitration *Journal of Ocean University of China*
No.2,2003 Page: 50-54

(3)Administrative Monopoly in Economy and the Standardized Object of
Anti-monopoly Law *Journal of Qingdao Administrative Faculty* No.3,2006
Page:90-93

(4)Talk on the Effectiveness of Arbitration Articles *Beijing Arbitration* No.1,2001
Page:35-40

1.Name: Huirong Liu

2. Gender: Female

3. Academic Degree: PhD

4. Professional Title: Professor

5. Position: Vice President

6.Tel: 86+532 66781257

7.Fax: 86+532 6678 1851

8.Email: liuhr@ouc.edu.cn

9. Research fields: International Environmental Law

10. Major research program undertaken or accomplished:

- (1) construction of the legal systems for protecting virtual property
- (2) the study of the legal systems for ocean preserve special region
- (3) cost-benefit analysis of administrative legislation of Qingdao municipal government

11. Recent academic publications:

- (1) Analysis of disputes between environment and trade under GATT/WTO
- (2) the study of virtual property's legal characters
- (3) the comparison of international legislations of ocean environmental protection
- (4) the preliminary study of dispute resolution of international ocean environment
- (5) the study of the legal systems for ocean preserve special region

1.Name: Qinyu Liu

2.Gender: Female

3.Academic Degree: Master

4.Professional Title: Professor

5.Position: _____

6.Tel: 86+532 66782556

7.Fax: 86+532 66782271

8.Email: liuqy@ouc.edu.cn

9.Research fields: Ocean-atmosphere interaction

10.Major research program undertaken or accomplished:

- (1) Modulating action of the tropical Indian Ocean and Atlantic on the coupled ocean-atmosphere system in tropical Pacific, **NSFC40676010, 2007-2009 RMB 380,000 yuan**
- (2) Low frequency variation formation mechanism of the Kuroshio to east of Taiwan and its impact on climate, **NSFC 40333030, 2004-2007, RMB1,200,000 yuan**
- (3) Subtropical Mode Water in North Pacific and its formation mechanism, **NSFC0276009, 2003-2005, RMB330,000 Yuan**

11.Recent academic publications:

- (1) Far-Reaching Effects of the Hawaiian Islands on the Pacific Ocean-Atmosphere System, *Science*, 2001, Vol. 292, (No. 5524), 2057-2060.
- (2) On the Formation of Subtropical Countercurrent in the west to Hawaiian Islands, *J. Geophys. Res.*, 2003, 108, C5, 3167-3175.
- (3) A gap in the Indo-Pacific warm pool over the South China Sea in boreal winter: Seasonal development and interannual variability, *JOURNAL OF GEOPHYSICAL RESEARCH*, 2004, VOL. 109, C07012, doi:10.1029/2003JC002179,
- (4) Ocean Thermal Advective Effect on the Annual Range of Sea Surface Temperature, *Geophysical Research Letters*, 2005, Vol.32,L24604.
- (5) Conceptual model about the interaction between El Niño/Southern Oscillation and Quasi-Biennial Oscillation in far west equatorial Pacific, *Science in China Series D-Earth Sciences* 2006 Vol.49 No. 8 889-896

- 1.Name: Gang Fu
2.Gender: Male
3.Academic Degree: Ph.D (Univ. of Tokyo)
4.Professional Title: Professor in Meteorology
5.Position: Vice Dean of College of Physical and Environmental Oceanography
6.Tel: 86+532 66781920
7.Fax: 86+532 66781920
8.E-mail: fugang@ouc.edu.cn
9.Research fields: Marine Meteorology

10. Major research program undertaken or accomplished:

- (1) Investigation of polar lows over the Japan Sea and Northwestern Pacific
NSFC-40275033, 2002-2005, 330, 000 RMB
- (2) Sea Fog over the Bohai and Yellow Seas **NSFC-40675060, 2007-2009, 420,000 RMB**

11. Recent academic publications:

- (1) Fu Gang, Jingtian Guo, Shang-Ping Xie, Yihong Duan, and Meigen Zhang, 2006: Analysis and High-Resolution Modeling of a Dense Sea Fog Event over the Yellow Sea. *Atmospheric Research*. 81, 293-303.
- (2)Fu Gang, Hiroshi Niino, Ryuji Kimura and Teroyuki Kato, 2004: Multiple Polar Mesocyclones over the Japan Sea on 11 February 1997, *Monthly Weather Review*. 132, 793-814.
- (3)Fu Gang, Jingtian Guo, and Meigen Zhang, 2004: High-Resolution Simulation and Analysis of the Mature Structure of a Polar Low over the Sea of Japan on 21 January 1997, *ADVANCES IN ATMOSPHERIC SCIENCES*. 21, 597-608.
- (4)Fu Gang, Hiroshi Niino, Ryuji Kimura and Teroyuki Kato, 2004: A Polar Low over the Japan Sea on 21 January 1997---Part I. Observational analysis, *Monthly Weather Review*. 132, 1537-1551.
- (5)Fu Gang, Yihong Duan, Xudong Liang, and Shang-Ping Xie, 2004: Observations of a Heavy Rainfall Event in Shanghai on 5 August 2001, *Journal of Meteorology Society of Japan*. 82, 1793-1803.

1.Name: Qi Wang

2.Gender: Male

3.Academic Degree: PhD

4.Professional Title: Professor

5.Position: Head of Department

6.Tel: 86+532 6678 2592

7.Fax: _____

8.Email: wangqi@ouc.edu.cn

9.Research fields: Large-scale Ocean-Atmosphere interaction, Ocean circulation

10. Major research program undertaken or accomplished:

- (1) The interannual-decadal variability of communication in the tropical and subtropical Pacific and its link to ENSO, **National Natural Science Foundation of China 2002-2004. PI**
- (2) Seasonal and interannual variability of the South China Sea warm pool, **National Natural Science Foundation of China 2005-2007. PI**

11. Recent academic publications:

- (1) Wang Qi, Huang Rui Xin: Decadal variability of Pycnocline flows from the Subtropical to the Equatorial Pacific, 2005, *Journal of Physical Oceanography*, 35 (10), 1861–1875.
- (2) Wang Qi, Hu Ruijin and Anna Zaklikowski: Variabilities of surface current in the tropical pacific ocean, 2002, *Journal of Ocean University of Qingdao*, 1(2), 130-134
- (3) Wang Qi, Liu Qinyu, Hu Ruijin, Xie Qiang, : A possible role of the south china sea in ENSO cycle, 2002, *Acta Oceanologica Sinica*, 21 (2), 217–226
- (4) Huang Rui Xin, Wang Qi: Interior communication from the subtropical to the tropical oceans, *Journal of Physical Oceanography*, 2001, 31(12), 3538-3550.
- (5) Wang Qi, Liu Qinyu, Li li: A coupled interannual system, *Chin. J. Oceanol. Limnol.* 2000, 18(3) 216-220.

1.Name: Jilin Sun

2.Gender: Male

3.Academic Degree: Ph. D

4.Professional Title: Professor

5.Position: Professor

6.Tel: 86+532 66782127-81

7.Fax: _____

8.Email: sunjilin@mail.ouc.edu.cn

9.Research fields: _____

10. Major research program undertaken or accomplished:

- (1) 2002.1 – 2005.12 Study on the decadal variations in Pacific circulation, **the National Natural Scientific Foundation**
- (2) 2005.12 – 2009.12 Study on the evolution of forcing fields over marginal seas of eastern China
- (3) 2007.1 – 2009.12 Study on the interactions in different time scale in the ocean and atmosphere

11. Recent academic publications:

- (1) Sun Jilin and Wang Dongxiao, An alternative index for the onset of the summer monsoon over the South China Sea. 2004, *Journal of Ocean University of China*. Vol.3, No. 1 17 – 22
- (2) Sun Jilin, Peter Chu and Qinyu Liu, The seasonal variation of undercurrent and temperature in the Equatorial Pacific jointly derived from buoy measurement and assimilation analysis. 2004, *Acta Oceanologica Sinica*. No.1, 51 – 60
- (3) Zhu Xiaojie and Sun Jilin, Positive feedback of winter ocean-atmosphere interaction in Northwest Pacific. 2006, *Chinese Science Bulletin*, Vol 51 No18
- (4) Sun Jilin Chu Pete and Liu Qinyu. The role of the halted baroclinic mode in the central equatorial Pacific in an El Nino event, 2006, *Advances In Atmospheric Sciences*. Vol. 23, No. 1.,45-53
- (5)Sun Jilin, Xu Delong and Gu Dejun, 2006, Seasonal and Interdecadal Variations of heat transport over the Northern Hemisphere. *Journal of Ocean University of China*. Vol.5, No. 3, 200 – 206

1.Name: Dehai Luo
2.Gender: Male
3.Academic Degree: Undergraduate
4.Professional Title: Professor
5.Position: _____
6.Tel: 86+532-82032045
7.Fax: _____
8.Email: ldh@ouc.edu.cn
9.Research fields: Climate dynamics

10. Major research program undertaken or accomplished:

- (1) “Dynamical study of North Atlantic Oscillations”, Natural Science foundation of China, 2006.1~2008.12 (350000.)
- (2) “Physical Oceanography” National outstanding Young Natural Science foundation of China, 2004.1~2007.12 (1200000.)
- (3) Taishan Scholar funding, 2006.1-2011.12 (2000000.).

11. Recent academic publications:

- (1) *D. Luo*, A., R. Lupo and H. Wan, 2007a: Dynamics of eddy-driven low- frequency dipole modes. Part I: A simple model of North Atlantic Oscillations. *J. Atmos. Sci.*, 64, 3-28.
- (2) *D. Luo*, T. Gong and A., R. Lupo, 2007b: Dynamics of eddy-driven low-frequency dipole modes. Part II: Free mode characteristics of NAO and diagnostic study. *J. Atmos. Sci.*, 64, 29-51.
- (3) *D. Luo*, T. Gong and Y. Diao, 2007c: Dynamics of eddy-driven low-frequency dipole modes. Part III: Meridional shifts of westerly jet anomalies during two phases of NAO. *J. Atmos. Sci.* **64**, 3232-3243
- (4) *D. Luo*, T. Gong and Y. Diao, 2008a: Dynamics of eddy-driven low-frequency dipole modes. Part IV: Planetary and synoptic wave breaking processes during the NAO life cycle. *J. Atmos. Sci.*, **65**, 737-765.
- (5) *D. Luo*, T. Gong and L. Zhong, 2008b: Dynamical relationship between the phase of North Atlantic Oscillations and meridional excursion of a preexisting jet: An analytical study. *J. Atmos. Sci.*, 65, 1838-1858

12. Experiences in international cooperation and intention of future:

- (1) Oct., 2002 ~ Oct., 2003, University of Toronto, Visiting Professor.
- (2) Oct., 2007- Jan., 2008, City University of Hong Kong, Visiting Professor

1.Name: Dexing Wu

2.Gender: Male

3.Academic Degree: PhD

4.Professional Title: Professor

5.Position: President of Ocean University of China

6.Tel: 86+532 82032853

7.Fax: 86+532 82032070

8.Email: dxwu@ouc.edu.cn

9.Research fields: Dynamics of ocean circulation

10. Major research program undertaken or accomplished:

- (1) Marine Physical Variations in Eastern Marginal Seas of China and their Environmental Impacts, **973 project, 2005-2010, 32000000,PI.**
- (2) The study on the interannual variation of Bohai salinity and circulation, **NSF, 410000, 2006-2008,PI.**
- (3) The study on the decadal variation of tropical Pacific Ocean by the variation of effect potential energy, **NSF, 520000, 2005-2007, PI.**

11. Recent academic publications:

- (1) Wu Dexing, Wan Xiuquan, Bao Xianwen. Comparison of summer thermohaline field and circulation structure of the Bohai Sea between 1958 and 2000, *Chinese Science Bulletin*, 2004,49(4), 363-369.
- (2) Wu Dexing, Mulin, Li Qiang, et al., 2004, The Characteristics of the Salinity Long-term variability of the Bohai Sea and Its Dominant Reason, *Progress in Natural Science*, 14(2), 191-195. (in Chinese)
- (3) Wu Dexing Lin Xiaopei Wan Xiuquan Meng Xiangfeng, 2006, Progress and perspective in study on interdecadal variability of the Pacific Ocean, *Acta Oceanologica Sinica*, 28(1), 1-8. (in Chinese)
- (4) Wu Dexing, Lan Jian, Marine physical variations in eastern marginal seas of china and their environmental impacts, *Advance in Earth Sciences*,21(7),667-672. (in Chinese)
- (5) Wu Dexing, Chen Xueen, Ocean Circulation Theory,(Translation) 2002, Oceanpress.

1.Name: Jinping Zhao

2.Gender: Male

3.Academic Degreee: Ph.D

4.Professional Title: Professor

5.Position: _____

6.Tel: _____

7.Fax: 86+532 66782096

8.Email: jpzhao@ouc.edu.cn

9.Research fields: Physical Oceanography, Polar Oceanography

10. Major research program undertaken or accomplished:

- (1) Study on the structure of Arctic Circumpolar Boundary Current and its impact on climate change, **Key Project of NSFC, 2007-2010, 1,750,000RMB**
- (2) Adjustment and feedback of the thermodynamic structure of Arctic Ocean during the global change, **Project of NSFC, 2004-2006, 320,000RMB**
- (3) Regionally and multi-scale integrated monitoring technology for marine environment, **China High-Tech Program, 2003-2005, 1,500,000**

11. Recent academic publications:

- (1) Zhao Jinping, Shi Jiuxin, Gao Guoping, Jiao Yutian, Zhang Hongxin, Water mass of the northward throughflow in the Bering Strait in summer 2003, *Acta Oceanologica Sinica*, 2006, 25(2),1-8.
- (2) Zhao Jinping, Gao Guoping, Jiao Yutian, Warming in Arctic intermediate and deep waters around Chukchi Plateau and Its adjacent regions in 1999, *Science in China Ser.D Earth Sciences*, 2005, 48(8): 1312-1320.
- (3) Zhao Jinping, Zhu Dayong, and Shi Jiuxin, Seasonal variation of sea ice and its main driving factors in Chukchi Sea, *Advances in Marine Sciences*, 2003, 21(2): 123-131.
- (4) Zhao Jinping, Shi Jiuxin, and Jiao Yutian, Temperature and salinity structure in summer marginal ice zone of Arctic Ocean and an analytical study on its thermodynamics, *Acta Oceanol. Limnol. Sinica*, 2003, 34(4): 375-388.
- (5) Zhao Jinping, Improvement of the Mirror Extending in Empirical Mode Decomposition method and the technology for eliminating frequency mixing, *High Technology Letters*, 8(3), 40-47 2002.

1.Name: Dongliang Zhao

2.Gender: male

3.Academic Degree: Ph.D.

4.Professional Title: Professor

5.Position: Vice Dean

6.Tel: 86+532 66782362

7.Fax: _____

8.Email: dlzhao@ouc.edu.cn

9.Research fields: Air-sea boundary processes and remote sensing

10. Major research program undertaken or accomplished:

(1) Research on coupling effects between biogeochemical and physical processes in the lower atmosphere and upper ocean, **The National Natural Science Foundation of China.**

(2) Variation of external forcing field and its effect on evolvement of ocean physical environment, **The National Basic Research Program of China.**

(3) Effect of wave and its breaking on CO₂ gas exchange through air-sea interface, **The National Natural Science Foundation of China.**

11. Recent academic publications:

(1) Zhao, D., Y. Toba, K. Sugioka and S. Komori (2006): New sea spray generation function for spume droplets. *J. Geophys. Res.*, 111, C02007, doi:10.1029/2005JC002960.

(2) Zhao, D. and A. Lou (2003): New interpretation of wind stress dependence on wave state. *China Ocean Engineering*, 47(3), 517-528.

(3) Zhao, D., Y. Toba, Y. Suzuki and S. Komori (2003): Effect of wind waves on air-sea gas exchange: Proposal of an overall CO₂ transfer velocity formula as a function of breaking-wave parameter. *Tellus*, 55B, 478-487.

(4) Zhao, D. and Y. Toba (2003): A spectral approach for determining altimeter wind speed model functions. *J. Oceanogr.* 59, 235-244.

(5) Zhao, D. and Y. Toba (2001): Dependence of whitecap coverage on wind and wind-wave properties. *J. Oceanogr.* 57, 603-616.

1.Name: Hao Wei

2.Gender: Female

3.Academic Degree: PhD

4.Professional Title: Professor

5.Position: Dean

6.Tel: 86+532 6678 2269

7.Fax: _____

8.Email: weihao@ouc.edu.cn

9.Research fields: coastal dynamics

10.Major research program undertaken or accomplished:

- (1)Ecosystem model of the Bohai Sea(497901001-04,97,1-2000,12, **key project of NSFC**
- (2)Ecosystem model of the key area of Yellow Sea and East China Sea, **key basic research of MOST.**
- (3)Key processes of exchange at the interface of key area of coastal water, **key basic research of MOST**

11. Recent academic publications:

- (1) WEI Hao, Su Jian et al. Tidal front, frontal circulation and the anchovy egg converge in the Yellow Sea. *Fishery Oceanography*, 2003, Vol. 12:4,1-10
- (2) WEI Hao Zhao Liang and Feng Shizuo. 2003. A model study on carbon cycle and phytoplankton dynamical processes in the Bohai Sea. *ACTA Oceanologica Sinica*, 22(1):47-55
- (3) WEI Hao et al. Tidal-induced Lagrangian and Eulerian mean circulation in the Bohai Sea. *Journal of Marine System*, vol.44, 141-151, 2004
- (4) WEI Hao, SUN Jun, Andreas Moll and ZHAO Liang, Phytoplankton dynamics in the Bohai Sea--observations and modelling , *Journal of Marine System*,vol.44,2004, 233-251
- (5) Zhao Liang, Wei Hao, Xu Yongfu.2005. An adjoint data assimilation approach to estimate key parameters for a three-dimensional coupled physical and biological model. *Ecological Modeling*, 186,234-249.

1.Name: Daxiong Piao

2.Gender: Male

3.Academic Degree: Ph.D

4.Professional Title: Professor

5.Position: Department Chair

6.Tel: 86+532 85901052

7.Fax: 86+532 85901052

8.Email: davidpiao2000@yahoo.com.cn

9.Research fields: Qualitative Theory of Differential Equations, Nonlinear Ocean Dynamics

10. Major research program undertaken or accomplished:

(1) Some topics on the dynamical behavior of differential equations, **National Science Foundation, Jan.04-Dec.06**

11. Recent academic publications:

- (1) Pseudo Almost Periodic Solutions for the Systems of Differential Equations with Piecewise Constant Argument $[t+1/2]$, *Science in China*, 47 (2004) 31-38
- (2) Periodic and Almost periodic solutions of Differential Equations with Reflection of the Argument, *Nonlinear Analysis*, TAM, 57(2004),633-637.
- (3) Pseudo Almost Periodic Solution of Differential Equations Involving Reflection of the Argument, *J. Korean Math. Society*, 41: 4 (2004), 747-754.
- (4) Almost Periodic Solutions of Neutral Differential Equations with Piecewise Constant Arguments, *Acta Mathematica Sinica*, 1(2002), 263-276.
- (5) Pseudo Almost Periodic Solutions for the Systems of Differential Equations with Piecewise Constant Argument $[t]$, *Science in China*, 9(2001), 1156-1161.

- 1.Name: Wensheng Jiang
2.Gender: Male
3.Academic Degree: Ph. D.
4.Professional Title: Professor
5.Position: Director of a department
6.Tel: 86+532 66782019
7.Fax: 86+532 66782269
8.Email: wsjiang@ouc.edu.cn
9.Research fields: Shallow sea dynamics

10. Major research program undertaken or accomplished:

- (1) The dynamics and numerical model of suspended matter transport in the Bohai Sea, **NSFC, 1999.1-2001.12, 120 thousands**
- (2) The study of high performance and high resolution storm surge inundation prediction model in some key area, **Ministry of Science and Technology, 2001.1-2005, 12, 800 thousands**
- (3) Sediment transport character and its numerical simulation during strong erosion processes of sea bank, **Ministry of Science and Technology, 2002.11—2004.10, 200 thousand**

11. Recent academic publications:

- (1) A High Resolution Forecast Model of Storm Surge Inundation. *Journal of Ocean University of China (Oceanic and Coastal Sea Research)*, 2005, Vol 4, No.2, pp.108-114
- (2) The relationship of sediment distribution and suspended matter in the Laizhou Bay. *Chinese Oceano. Liminol.* 2005, 36 (2): 97-103
- (3) The exchange flux at the sediment-water interface calculated by model and its application in the Bohai Sea. *Acta of Ocean University of China*, 2005, 35(1) :145~151
- (4) SPM transport in the Bohai Sea: field experiments and numerical modeling, *J. Marine Systems*. 2004, 44(3/4):175-188
- (5) Three dimensional tide-induced circulation model on a triangular mesh, *INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN FLUIDS*, 2002, 38: (6) 555-566

1.Name: Changlong Guan

2.Gender: Male

3.Academic Degree: Ph. D.

4.Professional Title: Professor

5.Position: Director of Key Laboratory of Ministry of Education

6.Tel: 86+532 66782192

7.Fax: 86+532 82032471

8.Email: clguan@ouc.edu.cn

9.Research fields: Wind waves and air-sea interaction

10. Major research program undertaken or accomplished:

- (1) Numerical forecasting model for hazardous marine environment in coastal ocean, **supported by Ministry of Science and Technology of China, 2006-2009, 7000000, PI.**
- (2) The long-term evolution of physical environment in the East China Sea, **973 Project, 2005-2010, 1740000, PI.**
- (3) The effect of wind wave breaking on turbulent mixing in upper ocean, **NSF, 2005-2007, 340000, PI.**

11. Recent academic publications:

- (1) Liu, B., K. Wu, and C. Guan*, 2007. Global estimates of wind energy input to subinertial motions in the Ekman-Stokes layer. *J. Oceanogr.*, 63(3), 457-466.
- (2) Guan, C., W. Hu, J. Sun and R. Li, 2007. The whitecap coverage model from breaking dissipation parametrizations of wind waves. *J. Geophys. Res.*, 112, C05031, doi:10.1029/2006JC003714.
- (3) Sun, J., C. Guan, and J. Shi, 2006. The effect of wave breaking on surface wave imaging by Synthetic Aperture Radar. *Chin. J. Oceanol. Limnol.*, 24(1), 21-27.
- (4) Guan, C. and L. Xie, 2004. On the linear parameterization of drag coefficient over sea surface. *J. Phys. Oceanogr.*, 34(12), 2847-2851.
- (5) Guan, C. and J. Sun, 2004. Similarities of some wind input and dissipation source terms. *China Ocean Engineering*, 18(4), 629-642.

1.Name: Lixin Wu
2.Gender: Male
3.Academic Degree: Ph. D.
4.Professional Title: Professor
5.Position: _____
6.Tel: 86+532 82032852
7.Fax: _____
8.Email: lxwu@ouc.edu.cn
9.Research fields: _____

10. Major research program undertaken or accomplished:

1. Wu,L., C. Li, C. Yang, and S.-P. Xie, 2007: Global teleconnections in response to a shutdown of the Atlantic meridional overturning circulation, J. Climate, submitted
2. Wu,L., C. Li and Q.Li, 2007: An intimate coupling between the North Atlantic and the North Pacific. J. Climate, submitted
3. Wu,L., S. Wu and Q.Liu, 2007: Can Pacific meridional mode lead to ENSO? J. Climate, in revision
4. Wu, L., Z. Liu, Chun Li and Yan Sun, 2007: Extratropical control of recent tropical Pacific decadal climate variability: A relay teleconnection. Climate Dynamics, DOI 10.1027/s00382-006-0198-5
5. Wu,L., and C. Li, 2006: Warming of the North Pacific Ocean: Local air-sea coupling and remote climatic impacts, Journal of Climate, in press
6. Wu,L., F. He, Z. Liu and C. Li, 2006 Atmospheric teleconnection of tropical Atlantic variability: Interhemispheric, tropical-extratropical and cross-basin interaction. Journal of Climate, in press
7. Z. Liu, Y Liu, L Wu and R. Jacob, 2006: Atmospheric response to midlatitude oceanic variability. Journal of Climate, in press

1.Name: Wang Wei
2.Gender: Male
3.Academic Degree: Ph. D.
4.Professional Title: Professor
5.Position: _____
6.Tel: 86+532 82032366
7.Fax: 86+532 82032471
8.Email: _____
9.Research fields: _____

10. Major research program undertaken or accomplished:

1. Whitehead, J. A. and W. Wang, 2007. A laboratory model of vertical ocean circulation driven by mixing. *J. Phys. Oceanogr.*, accepted
2. Liu, L. L., W. Wang and R. X. Huang, 2007. The mechanical energy input to the ocean induced by tropical cyclones. *J. Phys. Oceanogr.*, accepted
3. Huang, R. X., C. J. Huang and W. Wang, 2007. Dynamical roles of mixed layer in regulating the meridional mass/heat fluxes. *J. Geophys. Res.*, 112, C05036, 1-10.
4. Huang, C. J., W. Wang and R. X. Huang, 2007. Climate variability in the Equatorial Pacific Ocean induced by decadal variability of mixing coefficient. *J. Phys. Oceanogr.*, 37(5), 1163-1176.
5. Feng, Y., W. Wang and R. X. Huang, 2006. Meso-scale available gravitational potential energy in the world oceans. *Acta Oceanologica Sinica*, 25(5), 1-13.
6. Huang, R. X., W. Wang and L. L. Liu, 2006. Decadal variability of wind energy input to the world ocean. *Deep Sea Research II*, 53(1-2), 31-41.
7. Wang, W., C. C. Qian and R. X. Huang, 2006. Mechanical energy input to the world oceans due to atmospheric loading. *Chinese Science Bulletin*, 51(3), 327-330.
8. Wang, W., and R. X. Huang. 2005. An experimental study on thermal circulation driven by non-uniform horizontal heating. *J. Fluid Mech.*, 540, 49-73.

- 1.Name: Shicui Zhang
2.Gender: Male
3.Academic Degree: Ph.D
4.Professional Title: Professor
5.Position: _____
6.Tel: 86+532 82032787
7.Fax: _____
8.Email: sczhang@ouc.edu.cn
9.Research fields: EvoDevo

10. Major research program undertaken or accomplished:

- (1)Molecular and cellular mechanisms of the inflammation-resistant immunity in fish.
Ministry of Science and Technology; 2006-2010; 2 000 000 RMB; Principal Investigator.
- (2)Cloning and expression of the endoderm-related genes in the amphioxus *Branchiostoma belcheri*: insights into the origin of the vertebrate liver.
Foundation of Natural Sciences of China; 2006-2008; 240 000 RBM; Principal Investigator.
- (3)Cloning and expression of the immunity-related genes in the amphioxus *Branchiostoma belcheri*. **Ministry of Science and Technology; 2002-2005; 1 200 000 RMB; Principal Investigator.**

11. Recent academic publications:

- (1)Liang YJ, SC Zhang, LM Lun, L Han, Presence and localization of antithrombin and its regulation after acute lipopolysaccharide exposure in amphioxus, with implications for the origin of vertebrate liver. *Cell & Tissue Research* 2006, 323: 537-541.
- (2)Liu M, SC Zhang, ZH Liu, AL Xu, Characterization, organization and expression of amphilysozyme, an acidic c-type lysozyme gene in amphioxus *Branchiostoma belcheri tsingtauense*. *Gene* 2006, 36: 110-117.
- (3)Lun LM, Zhang SC, Liang YJ, Alanine aminotransferase in amphioxus: Presence, localization and up-regulation after acute lipopolysaccharide exposure. *Journal of Biochemistry & Molecular Biology* 2006, 39:511-5.
- (4)Wada H, Okuyama M, Satoh N, Zhang S. Molecular evolution of fibrillar collagen in chordates, with implications for the evolution of vertebrate skeletons and chordate phylogeny. *Evolution & Development* 2006 8:370-7.
- (5)Wang YJ, SC Zhang, Liu ZH, Li H, Wang L, Amphioxus allantoicase: molecular cloning, expression and enzymatic activity. *Comparative Biochemistry & Physiology B Biochemistry & Molecular Biology* 2005, 141:237-43.

1. Name: Zhenmin Bao

2. Gender: Male

3. Academic Degree: Ph.D

4. Professional Title: Professor

5. Position: Deputy director

6. Tel: 86+532 8203 1960

7. Fax: 86+532 8203 1960

8. Email: zmbao@ouc.edu.cn

9. Research fields: Marine Genetics and breeding

10. Major research program undertaken or accomplished:

- (1) Genetics improvement and commercial farming on Scallop, **Hi-tech project of China, 2001-2003, 1.58 million Dollar RMB**
- (2) Genetics and breeding on Scallop, **Hi-tech project of China, 2003-2005, 1.50 million Dollar RMB**
- (3) Breeding of hi-yield and disease resistance of Scallop, **Hi-tech project of China, 2005-2006, 800, 000 Dollar RMB**

11. Recent academic publications:

- (1) AFLP linkage map of sea urchin constructed using an interspecific cross between *Strongylosentrotus nudus* (♀) and *S. intermedius* (♂). **Aquaculture**, 2006, 259 : 56 - 65
- (2) Chromosome rearrangements in Pectinidae (Bivalvia: Pteriomorpha) implied by chromosomal localization of histone H3 gene in four scallops, **Genetica**, 2006, DOI 10.1007/s10709-006-9006-8.
- (3) A new strategy for species identification of planktonic larvae: PCR-RFLP analysis of the internal transcribed spacer region of ribosomal DNA detected by agarose gel electrophoresis or DHPLC. **Journal of Plankton Research**. 2006, 28: 375-384.
- (4) Cloning and characterization of tryptophan 2, 3-dioxygenase gene of Zhikong scallop *Chlamys farreri* (Jones et Preston 1904). **Aquaculture Research**. 2006, 37, 1187-1194.
- (5) AFLP linkage map of an intraspecific cross in *Chlamys farreri*. **Journal of Shellfish Research**, 2004, 23: 491-499

1. Name: Quanqi Zhang

2. Gender: Male

3. Academic Degree: Ph.D

4. Professional Title: Professor

5. Position: Dean

6. Tel: 86+532 8203 1931

7. Fax: 86+532 8203 1931

8. Email: qzhang@ouc.edu.cn

9. Research fields: Marine biotechnology

10. Major research program undertaken or accomplished:

(1) Genetic breeding of marine economical fishes. **Shandong provincial Science and Technology Bureau, ¥350000**

(2) Genetic mapping using interspecific hybrids between olive flounder and stone flounder, **NSFC, ¥280000**

11. Recent academic publications:

(1) Zhang, Q., I. Nakayama, A. Fujiwara, T. Kobayashi, I. Oohara, T. Masaoka, S. Kitamura, J. Devlin. Sex identification by male-specific growth hormone pseudogene (GH- Ψ) in *Oncorhynchus masou* complex and a related hybrid. *Genetica*, 2001.111 (1-3), 111-118.

(2) Zhang, Q., K. Hanada and K. Arai. Aberrant Meioses in Diploid and Triploid Progeny of Gynogenetic Diploids Produced from Eggs of Natural Tetraploid Loach. *Folia Zoologica*. 2002. 51(2), 165-176.

(3) Zhang, Q., and K. Arai. Extensive karyotype variation in somatic and meiotic cells of the loach *Misgurnus anguillicaudatus* (Pisces: Cpbidae). *Folia Zool.* 2003.52(4), 423-429.

(4) Isolation and characterization of polymorphic microsatellite loci in Japanese flounder(*Paralichthys olivaceus*), *J. of Fisheries Science of China*, 2005, 12(6): 683-687.

(5) XU Jianpeng, Zhang Quanqi and QI Jie. 2005. Isozyme polymorphism of cultured populations of 5 species in Pleuronectiformes. *Proceedings of the 13th International Congress On Genes, Gene Families And Isozymes*. September 17-21, Shanghai, China. Ed. Xue G. et al., pp87-91. Medimond.

1. Name: Zhenming Chi

2. Gender: Male

3. Academic Degree: Ph.D

4. Professional Title: Professor

5. Position: Teacher

6. Tel: 86+532 8203 2266

7. Fax: 86+532 8203 2266

8. E-mail: zhenming@sdu.edu.cn

9. Research fields: Microbiology and Marine Microbiology

10. Major research program undertaken or accomplished:

- (1) Culture collection of marine microorganisms, **Ministry of Science and Technology of China, 2006-2007, 700000 RMB, Responsible**
- (2) Protein secretion and mechanisms of protein secretion in marine bacteria, **Natural Science Foundation of China, 2004-2006, 400000 RMB, Responsible**
- (3) Studies on marine killer yeasts and their killer toxins, **Natural Science Foundation of China, 2007-2009, 250000 RMB, Responsible**

11. Recent academic publications:

- (1) The surface display of haemolysin from *Vibrio harveyi* on yeast cells and their potential applications as live vaccine in marine fish, *Vaccine* 2006, 24: 6046–6052.
- (2) Expression and processing of *Vibrio anguillarum* zinc-metalloprotease in *Escherichia coli*, *Archives Microbiology*, 2006, 186: 11-20.
- (3) Purification and characterization of extracellular amylase from the marine yeast *Aureobasidium pullulans* N13d and its raw potato starch digestion, *Enzyme and Microbial Technology*, 2006, online.
- (4) A marine killer yeast against the pathogenic yeast strain in crab (*Portunus trituberculatus*) and an optimization of the toxin production, *Microbiological Research*, 2006, online.
- (5) Marine yeasts and their applications in mariculture, *Journal of Ocean University of China*, 2006, 5 (3): 251-256.

1. Name: Wanshun Liu
2. Gender: Male
3. Academic Degree: B.Sc.
4. Professional Title: Professor
5. Position: _____
6. Tel: 86+532 8203 2105
7. Fax: 86+532 8203 2105
- 8: E-mail: WanshunLiu@hotmail.com
9. Research fields: Research and development of marine bioactive substances, biomedical materials, marine drug and biochemical products
10. Major research program undertaken or accomplished:
- (1) “The application of novel chitin derivative in tissue engineering”, National “Tenth-Five” 863 Hi-Tech R&D Development Project, 2001-2003 and 2003-2005, 1.5 million, manager: Liu Wanshun.
 - (2) “Study on the mass production and application of chitosan oligomer”, National “Tenth-Five” Key Technology R&D Project, 2001-2003, 450, 000, manager: Liu Wanshun.
 - (3) “Study on the marine new drug curing gastric ulcer”, National “Ninth-Five” Key Technology R&D Project, 1996-2000, 400, 000, manager: Liu Wanshun. This project has been transferred at the cost of 600 million, and on the stage of new drug application and clinic research, 2000-present, manager: Liu Wanshun.
11. Recent academic publications:
- (1) Protective effects of chitosan oligosaccharide and its derivatives against carbon tetrachloride-induced liver damage in mice. *Hepatology Research*, 2006,35:178-184. Yang Yan, Liu Wanshun, Han Baoqin, et al.
 - (2) Purification and characterization of two types of chitosanase from a *Microbacterium* sp. *Biotechnol Lett*, 2006, 28: 1393-1399. Yuying Sun, Wanshun Liu, Baoqin Han, et al.
 - (3) Extraction and analysis of polyunsaturated fatty acid from *Asterina pectinifera* in Huanghai Sea. *High Technology Letters*, 2006,12(2),198-202. Guo Chenghua, Liu Wanshun, Han Baoqin, et al.
 - (4) Studies on the Properties of Chitosan/chondroitin Sulfate Blend Film as Corneal Endothelial Cell Carrier and Transplantation Trail. *CHEMICAL JOURNAL OF CHINESE UNIVERSITIES*, 2006,27 (5) :880-884. Chen Liehuan, Liu Wanshun, Han Baoqin, et al.
 - (5) In vitro Culture and Transplantation of Rabbit Corneal Endothelial Cells Carrier. *Chinese Journal of Biomedical Engineering*, 2006,25 (5) :590-595. Wei Xiaojuan Liu Wanshun Han Baoqin et al.

1.Name: Shikui Zhai

2.Gender: Male

3.Academic Degree: Ph.D

4.Professional Title: Professor/Supervisor of Ph.D

5.Position: Vice-president

6.Tel: 86+532 82032865

7.Fax: 86+532 82032865

8.Email: zhaishk@ouc.edu.cn

9.Research fields: Marine Geo-chemistry, Marine Geology

10. Major research program undertaken or accomplished:

- (1) Geological environmental investigation of the Western Pacific, **Special project of National Marine Investigation Program, 2001-2006, ¥18,100,000, person in charge.**
- (2) China's typical estuary-reciprocity between land and ocean and its environmental effects, **Key task project in scientific and technological research of "973 Program", ¥28,000,000, Chief scientist.**
- (3) Seafloor hydrothermal activity and experimental simulation technique of mineralizing environment, **Key task project in scientific and technological research of "863 Program", 2004.8-2005.12, ¥600,000, person in charge.**

11. Recent academic publications:

- (1) Heat and mass flux estimation of modern seafloor hydrothermal activity, *acta oceanologica sinica*, 2005, 27 (2) 115-121。
- (2) Corresponding relationship between suspended matter concentration and turbidity on Changjiang Estuary and adjacent sea area, *acta scientiae circumstantiae*, 2005, 25 (5), 693-699。
- (3) Influence of permeability on hydrothermal circulation in the sediment-buried oceanic crust, *science in china: series D Earth Science*, 2006, 49(7), 773-784. SCI。
- (4) Yangtze River sediment entering the estuary during water storage of Three Gorges Reservoir (TGR) in June 2003. *Estuaries*. 2006, 25(2):1-9. (SCI)
- (5) Influence of permeability on hydrothermal circulation in sediment-buried oceanic crust, *science in china*, 2006 Vol.49 No.7 773-784 SCI

- 1.Name: Fanshun Meng
2.Gender: Male
3.Academic Degree: Ph.D.
4.Professional Title: Professor
5.Position: Vice President
6.Tel: _____
7.Fax: 86+532 85902281
8.Email: mengfsh@ouc.edu.cn
9.Research fields : Logging and seismic inversion methods of numerical simulation and the study

10. Major research program undertaken or accomplished:

- (1) Well multi-frequency electromagnetic well logging data 3D tomography, **National Natural Science Foundation funded projects 40174030. 2002.1 to 2004.12. 220,000RMB.**
- (2) Well 3D multi-frequency electromagnetic tomography cross-hole, **Natural Science Foundation funded projects of Shandong Y2000E05. 2000.12 to 2003.12. 60,000RMB.**
- (3) Channel great sounding thin reservoir characteristics and Automatic Identification Technology Research In Lamadian Oilfield, **Daqing Oilfield Limited Liability Company funded projects. 2005.9 to 2007.9. 300,000RMB.**

11. Recent academic publications:

- (1) Principle of Formation Resistivity Logging Through Casing and Its Application. *Well Logging Technology*, 2001, 25(2): 110-113
- (2) Theory and Numerical Calculation of the Cross-Well Formation Resistivity Logging Through Casing. *Journal of Ocean University of China*, 2003, 33(2): 287-292.
- (3) Ultrasonic stress measurement method, *Nondestructive Testing*, 2003, 25(1): 580-584.
- (4) The Integration—Interpolation Modeling of Elastic Wave Propagation in Isotropic Inhomogeneous Elastic Media, *Journal of Ocean University of China*, 2005, 35(2): 249-253
- (5) Effects of casing on cross-well electromagnetic logging. *Geophysical Prospecting for Petroleum*, 2003, 42(2),256-260.
- (6) The interpretation method study of c / o ratio spectrum log and its application, *Northwestern Geology*,2005, 38(2):102-107
- (7) Sand reservoir seismic characterization and its application to oilfield development, *Offshore Oil*, 2006, 26(1):51-56
- (8) Using electro-imaging logging data to analyze secondary porosity. *Oil Geophysical Prospecting*, 2006, 41(2):221-225
- (9) Seismic Waves in a Layered Half-Space from an Arbitrary Buried Source, *Journal of Ocean University of China*. 2003,2 (2):201-206

- 1.Name: Sanzhong Li
2.Gender: Male
3.Academic Degree: Ph.D.
4.Professional Title: Professor
5.Position: _____
6.Tel: 86+532 66781971
7.Fax: _____
8.Email: Sanzhong@ouc.edu.cn
9.Research fields: Tectonics

10. Major research program undertaken or accomplished:

- (1) General Project: Exploring Perspectives on Marine-Facies Hydrocarbon and Evolution and Formation of Continental Structures and Strata in the Middle to Upper Yangtze Block, South China, Chief Scientist, Academician Zhang Guowei, Total Fund, 150 million RMB YUAN;
Secondary Project: Preservation of Hydrocarbon Reservoirs and Intra-continental Complex Structures of the Xuefeng Tectonic Belt, **China Petroleum and Chemical Cooperation**, from Sept., 2006 to Sept., 2011, Total Fund, 13.50 million RMB YUAN, P.I. (Principal Investigator) of Secondary Project
- (2) High-precise Dating to Protolith and Metamorphism of Paleoproterozoic Liaohe Group (**40472098**), **National Natural Science Fund of China**, from Jan., 2005 to Dec. 2007, Total Fund, 0.35 million RMB YUAN, P.I. (Principal Investigator)
- (3) Mesozoic Structural Evolution of the Jiyang Depression, the Bohai Gulf Basin (**20050200164**), **China Petroleum and Chemical Cooperation**, from May, 2005 to Dec. 2005, Total Fund, 0.47 million RMB YUAN, P.I. (Principal Investigator)

11. Recent academic publications:

- (1) Li Sanzhong, Timothy M. Kusky, Wang Lu, Zhang Guowei, Lai Shaocong, Liu Xiaochun, Dong Shuwen and Zhao Guochun. Collision leading to multiple-stage large-scale extrusion in the Qinling–Dabie orogen: insights from the Mianlue suture. *Gondwana Research*, 2006, (in press) (*SCI*).
- (2) LI, S.Z., KUSKY, T.M., ZHAO, G.C., Wu, F.Y., LIU, J.Z., WANG, L., & SUN, M., Mesozoic tectonics in the Eastern Block of the North China Craton: implications for subduction of the Pacific Plate beneath the Eurasian Plate and Lithospheric Thinning beneath North China. In: *Tectonic Controls and Crustal Responses to Mesozoic Lithospheric Thinning under Eastern*

Asia. Edited by Mingguo Zhai, Brian F. Windley, Timothy M. Kusky and Qingren Meng.

Geological Society of London special publication, 2006, (in press) (SCI)

- (3) Li Sanzhong, Zhao Guochun, Sun Min, Luo Yan, Han Zongzhu, Zhao Guangtao. Are the South and North Liaohe Groups different exotic terranes?—Nd isotope constraints on the Jiao-Liao-Ji orogen. *Gondwana Research*, 2006, 9:198-208 (SCI)
- (4) Li Sanzhong, Zhao Guochun, Sun Min, Han Zongzhu, Hao Defeng, Luo Yan, Xia Xiaoping. Deformation history of the Paleoproterozoic Liaohe Group in the Eastern Block of the North China Craton. *Journal of Asian Earth Sciences*, 2005, 24(5): 659-674 (SCI)
- (5) Li Sanzhong, Zhao Guochun, Sun Min, Wu Fuyuan, Liu Jianzhong, Hao Defeng, Han Zongzhu, Luo Yan. Mesozoic, not Paleoproterozoic SHRIMP U-Pb zircon ages of two Liaoji Granites, eastern block, North China craton. *International Geology Review*, 2004, 46(2):162-176 (SCI)

1.Name: Zuosheng Yang

2.Gender: Male

3.Academic Degree: Bachelor

4.Professional Title: Professor

5.Position: _____

6.Tel: 86+532 66782062

7.Fax: 86+532 66782062

8.Email: zshyang@ouc.edu.cn

9.Research fields: Marine sedimentology; Marine biogeochemistry; Marine Geology

10. Major research program undertaken or accomplished:

- (1) Geological records on evolution of the marine environment in the mud areas on the continental shelves of the East China Seas since last deglaciation (90211022), **NSFC, 2003-2006, 1.5 million Yuan, Project leader;**
- (2) Dynamic morphology and coastal erosion in the Huanghe mouth and delta: Processes, mechanism and predictions (2002CB412404), **Ministry of Science and Technology, China, 2003-2008, 2.52 million Yuan, Project leader;**
- (3) Composition of the particles in the nepheloid layer and tracing techniques of their transport in the ocean (DY105-02-07), **China Ocean Mineral Resources R & D Association, 2002-2005, 0.2 million Yuan, Project leader**

11. Recent academic publications:

- (1) Yang, Z., H. Wang, Y. Saito, J. D. Milliman, K. Xu, S. Qiao, and G. Shi, 2006. Dam impacts on the Changjiang (Yangtze) River sediment discharge to the sea: The past 55 years and after the Three Gorges Dam. *Water Resources Research*, 42, W04407, doi: 10.1029/2005WR003970;
- (2) Zuosheng Yang, Kun Lei, Zhigang Guo and Houjie Wang, 2003. Effect of a winter storm on sediment transport and resuspension in the distal mud area, the East China Sea. *Journal of Coastal Research (in press)*;
- (3) Yang Zuosheng, Fan Dejiang, Li Yunhai and Wang Houjie, 2006. Advances in Hydrothermal Plumes Study. *Advances in Earth Sciences*, 21(10), 28-36 (in Chinese with English abstract).
- (4) Yang Zuosheng, Dai Huimin and Wang Kairong, 2005. Daily Variations of Water Discharge and Sediment Discharge Into the Sea from Yellow River from 1950 to 2000 and Relevant Influential Factors That Generate These Changes, *Journal of Ocean University of China*, 35(2), 237-244 (in Chinese with English abstract).
- (5) Yang Zuosheng, Zhang Yong, Liu Zhan, Wei Helong, He Shufeng, 2005. Temporal and spatial variation of the Huanghe River mouth bars. *Acta Oceanologica Sinica*, 24(3), 1-13.

- 1.Name:** Zhisong Fan
- 2.Gender:** Male
- 3.Academic Degree:** Master
- 4.Professional Title:** Professor
- 5.Position:** Tutor of doctor graduate student
- 6.Tel:** 86+532 6678 2355
- 7.Fax:** 86+532 6678 2790
- 8.Email:** fanzhs@hotmail.com /fanzhiso@vip.sina.com
- 9.Research fields:** SAR remote sensing of ocean internal waves/SAR remote sensing of wind over the ocean/military oceanography
- 10. Major research program undertaken or accomplished:**
- (1) Finestructure Characteristics in the Western Pacific, The National Natural Science Foundation of China, No.49376257, 1994.1–1996.12, RMB100000, Xinhua Fang(Principal)
 - (2) Non-canonical characteristics and mechanism of internal wave field in the equatorial western Pacific, The National Natural Science Foundation of China, No.49676275, 1997.1–1999.12, RMB120000, Xinhua Fang(Principal)
 - (3) Internal wave remote sensing technique with multiple band, multiple polarization, and multiple incidence angle synthetic aperture radar, The National High Technology Research and Development Project (“863” Program) of China, No.2002AA633120, 2002.10–2005.10, RMB207000, Zhisong Fan(Principal)
- 11. Recent academic publications:**
- (1) Fan Zhisong. Research fundamentals of Ocean Interior Mixing (in Chinese). *China Ocean Press*, 2002, pp130.
 - (2) Fan Zhisong. Simulation model of SAR remote sensing of turbulent wake of semi-elliptical submerged body. *Acta Oceanologica Sinica*, 2005, 24(5) : 50–60.
 - (3) Fan Zhisong, Geng Jian, Zhang Yuanling, and Wang Dakui. A Preliminary Study of SAR Remote Sensing Inversion of Internal Solitary Waves in the North of the South China Sea (in Chinese). *Journal of Ocean University of China*, 2005, 35(6): 885–888.
 - (4) Fan Zhisong, Zhang Yuanling, and Song Mei. A study of SAR remote sensing of internal solitary waves in the north of the South China Sea: I. Simulation of internal tide transformation. *Acta Oceanologica Sinica*, 2005, in press.
 - (5) Fan Zhisong, Zhang Yuanling, and Song Mei. A study of SAR remote sensing of internal solitary waves in the north of the South China Sea: II. Simulation of SAR signatures of internal solitary waves. *Acta Oceanologica Sinica*, 2005, in press.

1. Name: Xinguo Liu

2. Gender: Male

3. Academic Degree: Ph. D

4. Professional Title: Professor

5. Position: _____

6. Tel: 86+532 8203 2651

7. Fax: _____

8. Email: liuxinguo656@sina.com.cn

9. Research fields: Matrix Computation

10. Major research program undertaken or accomplished :

(1) Eigenvalue problem for large sparse Hamiltonian pencil, NSFC,
1999–2001

(2) Study on numerical methods for data assimilation, NSFSD, 2001–2003

11. Recent academic publications:

(1) A Note on the backward error analysis for eigenvalue problems, Math.
Number. *SINICA*, 28(2006), 13–18

(2) Comparing condition number with structured condition number for KKT
systems, Math. Number. *SINICA*, 28(2006), 211–223

1. Name: Cunchen Gao

2. Gender: Male

3. Academic Degree: Ph.D

4. Professional Title: Professor

5. Position: Vice-Dean

6. Tel: 86+532 8590 1015

7. Fax: 86+532 8590 1823

8. Email: ccgao@ouc.edu.cn

9. Research fields: Analysis and Synthesis on Control Systems; Functional Differential Equations

10. Recent Research Project:

- (1) Analysis and Synthesis for Discrete Variable Structure Control Systems with Time-delays(60674020), **National Natural Science Fund, 2007.1-2009.12**
- (2) Analysis and Design for Discrete Variable Structure Control Systems with Time-delays(60574005), **National Natural Science Fund, 2006.1-2006.12**
- (3) Analysis and Synthesis for Nonlinear Variable Structure Control Systems with Time-delays(69974032), **National Natural Science Fund, 2000.1-2002.12**

11. Recent academic publications:

- (1) Design of robust sliding hyperplanes for parametric uncertain systems with time-delay. *Advances in Modelling & Analysis, C (in France)*, 2002, 57(4): 49-60
- (2) A Method for Stochastic Response Analysis of Non-classically Damped Structures. *Earthquake Engineering and Engineering Vibration*, 2004, 3(1): 75-84
- (3) Design of Discrete Systems with State Observers via Variable Structure Control. *Proceedings of the 3rd International Conference on Impulsive Dynamic Systems and Applications*, 2006, 126-128
- (4) Variable Structure Control of Discrete Uncertain Singular Systems with Multiple Time-delays. *Control and Decision*, 2006, 21(12): 1361-1365
- (5) On a k th-order differential equation. *Annales Polonici Mathematici*, 2006, 89(1): 53-63

1. Name: Linshan Wang
2. Gender: Male
3. Academic Degree: Ph.D
4. Professional Title: Professor
5. Position: Head of Division
6. Tel: 86+532 8590 6056
7. Fax: 86+532 8590 1803
8. Email: wls115@sohu.com
9. Research fields: Dynamical Systems and Neural Networks
10. Major research program undertaken or accomplished:
 - (1) Lattice point dynamical systems and attractor of nonlinear wave equations, National Natural Science Foundation of China under grants 10171072, 1/2002–12/2005, 125000yuan.
 - (2) Research on recurrent neural networks with time-delays, cooperate research, 1/2004–12/2007, 40000yuan.
11. Recent academic publications:
 - (1) Global exponential stability of Hopfield reaction-diffusion neural networks with time-varying delays, *Science in China(Series E)*, 2003, 33(6):488-495
 - (2) Comments on ‘Robust stability for interval neural networks with time delay’ by X.F.Liao, IEEE Trans. *On Neural Networks*, 2002, 13(1): 250-252.
 - (3) Global exponential robust stability of reaction-diffusion interval neural networks with time-varying delays, *Physics Letters A*, 2006, 305 (5): 343-348
 - (4) Asymptotic behavior of a class of reaction-diffusion equations with delays, *Journal of Mathematical Analysis and Applications*, 2003, 281(2): 439-453
 - (5) Global asymptotic robust stability of static neural network models with S-type distributed delays, *Mathematical and Computer Modelling*, 2006, 44(2)218-222.

- 1.Name: Jinliang Zhang
- 2.Gender: Male
- 3.Academic Degree: Ph.D
- 4.Professional Title: Professor & Ph.D supervisor
- 5.Position: Vice director of Shandong Engineering Technological Research Center for Petroleum Exploration & Development
- 6.Tel: _____
- 7.Fax: _____
- 8.Email: zhangjl@ouc.edu.cn
- 9.Research fields: 1.The mechanism of hydrocarbon accumulation and potential valuation 2.The description and prediction of the remaining oil in high water cut oilfield.
10. Major research program undertaken or accomplished:
- (1) “The optical fiber spectrophotometry of the geochemical detection technology in marine oil-gas”. **National 863 program, 2003-2005, 900,000, the second principal.**
 - (2) “Sedimentary facies and sedimentary model of Silurian, Tarim Basin”. **The Key Technologies R&D Program during the 10th Five-year Plan Period, 2004-2006, 640,000, the second principal.**
 - (3) “Research on sedimentary facies and prediction of the favorable target of the Fourth Member of Shahejie Formation, southern slope of Dongying depression”. **Main Project of Shengli Oilfield cooperation of China Petrochemical, 2003-2005, 1,130,000, the first principal.**
11. Recent academic publications:
- (1) Diagenesis of sandstones and its impact on reservoir quality, the Chang-8 member in Qingyang area, Shanganning Basin. *ACTA SEDIMENTOLOGICA SINICA*, 2004, 22(2): 225-233.
 - (2) Clastic diagenesis and reservoir characteristics of Funing Formation in north slope of Gaoyou depression in Subei Basin. *ACTA PETROLEI SINICA*, 2003, 24(2): 43-39.
 - (3) Deep basin gas accumulation in the Upper Triassic of Chuxiong Basin. *ACTA SEDIMENTOLOGICA SINICA*, 2002, 20(3): 469-476.
 - (4) Fluid history analysis and formation mechanism of the Yancheng petroleum reservoir. *ACTA GEOLOGICA SINICA*, 2002, 76(2): 254-259.
 - (5) Gas trap in deep basin of the Upper Triassic in Sichuan Basin. *ACTA PETROLI SINICA*, 2002, 23(3):27-33.

1.Name: Huaishan Liu

2.Gender: Male

3.Academic Degree: Ph.D.

4.Professional Title: Professor

5.Position: Department Director

6.Tel: 86+532 66781556

7.Fax: 86+532 66782811

8.Email: lhs@ouc.edu.cn

9.Research fields: Marine Geophysics, Geophysical Prospecting

10. Major research program undertaken or accomplished:

- (1) Study of modern seabed structure survey. **863 program, 2002-2005, 875,000 RMB**
- (2) Seismic data AVO processing approaches for the study of gas hydrates in the East China Sea. **118 specialties item, 2003-2005, 135,000 RMB**
- (3) Study of improve seismic data high frequency S/N and effective frequency band width. **Geophysical exploration Co. of Daqing Oilfield, 2004-2005, 220,000 RMB**

11. Recent academic publications:

- (1) Study of tide sediment geophysical characteristics of an off shore bay mouth: taking Jiaozhou bay mouth as an example. *PERIODICAL OF OCEAN UNIVERSITY OF CHINA*, 2006, 36(1): 145-150
- (2) Method and application of first-break positioning in datum network adjustment. *MARINE GEOLOGY & QUATERNARY GEOLOGY*, 2004, 24(4):135-139
- (3) Seismic Data Processing Approaches for the Study of Gas Hydrates in the East China Sea. *Journal of Ocean University of Qingdao*, 2002, 1(1): 87-89
- (4) The questions and strategies of geophysical exploration in mountainous areas. *NORTH WESTERN GEOLOGY*, 2004,36(4): 65-70
- (5) Influence of gas hydrates on the Chinese West to East gas pipeline. *JOURNAL OF OCEANUNIVERSITY OF QINGDAO*, 2003, 33(2): 275-280

1.Name: Zhigang Guo

2.Gender: Male

3.Academic Degree: Ph.D.

4.Professional Title: Professor

5.Position: Teacher

6.Tel: 86+532 66782488

7.Fax: 86+532 66782062

8.Email: guozgg@ouc.edu.cn

9.Research fields: Marine Environmental Geochemistry, Marine Sedimentation, Atmospheric Aerosol Chemistry

10. Major research program undertaken or accomplished:

- (1) Geochemical record of pollutants on the coastal mud areas of the East China Sea since industrial revolution. **Natural Science Foundation of China (NSFC). January 2003-December 2005, 340,000 RMB, Chief –Investigator.**
- (2) Geological records of marine environment evolution in the mud areas on the shelves of the East China seas since the Last Deglaciation. **Key Program of the Natural Science Foundation of China (NSFC). January 2003-December 2006, 150,000/1,500,000 RMB, Co-Investigator.**
- (3) The evolution of physical field and its effect on the environment in the eastern marginal sea of China. **Major national basic research program (973) of China supported by the Ministry of Science and Technology of China. January 2006-December 2010. 300,000/29,000,000 RMB, Co-Investigator in No. 4 sub-program.**

11. Recent academic publications:

- (1) Effects of salinity fluctuation in different ranges on intermolt period and growth of juvenile *Fenneropenaeus chinensis*. *Acta Oceanologia sinica*, 2005, 24(3):141-147.
- (2) Effects of salinity fluctuation pattern on growth and energy budget of juvenile shrimp *Fenneropenaeus chinensis*. *Journal of Shellfish Research*, 2005, 24:1217-1221.
- (3) Allelopathic growth inhibition of *Prorocentrum micans* (Dinophyta) by *Ulva pertusa* and *Ulva linza* (Chlorophyta) in laboratory cultures. *European Journal of Phycology*, 2005, 40(1):31-37.

- (4) Growth, energy allocation, and biochemical composition of the body of Chinese shrimp, *Fenneropenaeus chinensis*, fed different diet. *Crustaceana*, 2005, 78(2): 141-162.
- (5) Effects of diel temperature fluctuations on growth, oxygen consumption and proximate body compositions of sea cucumber *Apostichopus japonicus* Skelenka. *Aquaculture*, 2006, 255:514-521.
- (6) Interaction of salinity and Na/K ratio in seawater on growth, nutrient retention and food conversion of juvenile *Litopenaeus vannamei*. *J. Shellfish Research*, 2006, 25 (1) : 107-112
- (7) The clam, Xishi tongue *Coelomactra antiquata* (Speng;er), a promising new candidate for aquaculture in China. *Aquaculture*, 2006, 255: 402-409.
- (8) The effects of thermal amplitude on the growth of Chinese shrimp *Fenneropenaeus chinensis*. *Aquaculture*, 2006, 251:516-524.
- (9) Effects of seawater potassium concentration on the dietary potassium requirement of *Litopenaeus vannamei*. *Aquaculture*, 2006, 258: 543-550.
- (10) Studies on the rotifer (*Brachionus urceus* Linnaeus, 1758) as a vector in white spot syndrome virus (WSSV) transmission. *Aquaculture*, 2006, 261:1181-1185.

1.Name: Caifeng Bi

2.Gender: Male

3.Academic Degree: Ph.D

4.Professional Title: Professor

5.Position: Vice-dean

6.Tel: 86+532 66781761

7.Fax: _____

8.Email: bcfeng@ouc.edu.cn

9.Research fields: Marine Fine Chemicals Chemistry; Coordination Chemistry

10. Major research program undertaken or accomplished:

- (1) Study of Materials with High Strength Used for Rapid Repairing Roads and its Application. Science and technology office of Qingdao, 2003-2006. Bi Caifeng
- (2) Synthesis and Application of New Pesticide lacquer Solvent. Center of Biological technology of Ocean university and Lantai, 2004-2006. Bi Caifeng
- (3) Synthesis of Intermediate of Benzothiazole---2- chlorobenzothiazole. Center of Biological technology of Ocean University and Lantai, 2004-2006. Bi Caifeng

11. Recent academic publications:

- (1) Synthesis, Characterization and Thermodecomposition Kinetics of Terbium(III) Complex with Novel Schiff base Salicylaldehyde-Taurine and 1,10-phenanthroline. *Journal of Rare Earths*. 2005, 23, Suppl. 12 :77-81. **SCI**
- (2) Synthesis, Characterization and Antibacterial Activity of New Ln(III) Complex with Unsymmetrical Schiff Base Ligand. *Journal of Rare Earths*. 2005, 23(Suppl.): 536-536. **SCI**
- (3) Synthesis and Thermodecomposition Kinetics of UO₂(II) Complex With 2-hydroxy-1-naphthadehyde-4-aminoantipyrine *Journal of Radioanalytical and Nuclear Chemistry*. 2004 ,262(2) : 497-500. **SCI**
- (4) Synthesis and Characterization of Metal Complexes with Unsymmetrical Tetradentate Schiff Base Ligands, Synth.React.Inorg.Met-Org.*Chem* 2004, 34 (4): 687-695. **SCI**
- (5) Synthesis, Characterization and Thermodecomposition Kinetics of Sm(III) Complex with Unsymmetrical Schiff Base Zwitterion Ligand. *Chinese Journal of Chemistry*. 2006, 24(3): 371-374. **SCI**

1. Name: Weibo Song
2. Gender: Male
3. Academic Degree: Graduate
4. Professional Title: Professor
5. Position: Director
6. Tel: 86+5328203 2283
7. Fax: 86+5328203 2283
8. Email: wsong@ouc.edu.cn
9. Research fields: Protozoology

10. Major research program undertaken or accomplished:

- (1) Cell development, evolution, taxonomy and systematic reconstruction of ciliated protozoa. **Natural Science Foundation of China, 2005.1-2008.12, 1300000 yuan, PI**
- (2) Biodiversity and ecology of planktonic ciliated protozoa in coastal waters. **Natural Science Foundation of China, 2004.1-2006.12, 300000 yuan, PI**
- (3) Conservation of Jiaozhou Bay: Biodiversity assessment and biomonitoring using ciliates. **Sina-UK cooperation 'Darwin Initiative Programme', 2005.4-2009.3, ca. 2000000 yuan, PI on Chinese side**

11. Recent academic publications:

- (1) Comparison and redefinition of four marine, coloured *Pseudokeronopsis* spp. (Ciliophora, Hypotrichida), with emphasis on their living morphology. *Acta Protozool.*, 2006, 45: 271-287
- (2) Re-evaluation of the phylogenetic position of the genus *Dexiotrichides* (Protozoa, Ciliophora, Scuticociliatida) inferred from stomatogenetic and molecular information for *Dexiotrichides pangi*. *Progr. Nat. Sci.*, 2005, 15: 700-707
- (3) Taxonomic description of two new marine oligotrichous ciliates (Protozoa, Ciliophora). *J. Nat. Hist.*, 2005, 39: 241-252
- (4) Morphogenesis of *Cyrtohymena tetracirrata* (Ciliophora, Hypotrichida, Oxytrichidae) during binary fission. *Europ. J. Protistol.* 2004, 40: 245-254
- (5) New contributions to two heterotrichous ciliates, *Folliculina simplwx* (Dons, 1917), *Condylostoma curva* Burkovsky, 1970 and onw licnophorid, *Licnophora lyngbycola* Faure-Fremiet, 1937 (Protozoa, Ciliophora): descriptions of morphology and infraciliature. *J. Eukaryot. Microbiol.*, 2003, 50:449-462

1.Name: Xiaoyu Kong

2.Gender: Female

3.Academic Degree: Ph.D

4.Professional Title: Professor

5.Position: _____

6.Tel: 86+532 8203 2796

7.Fax: _____

8.Email: carlzyu@ouc.edu.cn

9.Research fields: Phylogenetics of fish, Genetic diversity of marine animals

10. Major research program undertaken or accomplished:

(1) Genetic improvement and production test of Chinese shrimp *Penaeus chinensis*.

2000-2005, **863 High Technology Project, 2001AA621050 ¥295,000.00**

(2) Genetic improvement techniques and production test of Scallop *Chlamys farreri*.

2001-2005, **863 High Technology Project, 2001AA621060 ¥ 60,000.00**

(3) Cloning and application of the genes involved in disease resistance in scallop

Chlamys farreri. **863 High Technology Project**

11. Recent academic publications:

(1) Kong, X., J. Yu, Z. Yu et al., 2006, Comparative analysis of 5'-end sequence of mitochondrial control region of six flatfish species (Pleuronectidae) from the Yellow Sea and phylogenetic analysis of Pleuronectiformes. *Raffles Bull. Zool.* 2006, In press **SCI**

(2) Kong, X., Z. Yu, Y. Liu and L. Chen, 2003, Intraspecific genetic variation in mitochondrial 16S ribosomal gene of Zhikong scallop *Chlamys farreri*. *J. Shellfish Res.* 22: 655-660. **SCI**

(3) Yu, Z., X. Kong, Y. Jiang et al., 2005, Mitochondrial DNA sequence variation of Japanese anchovy (*Engraulis japonicus*) from the Yellow Sea and East China Sea. *Fish. Sci.* 71:299-307. **SCI**

(4) Zhang, L., X. Kong, Z. Yu, et al., 2004, A survey of genetic changes and search for sex-specific markers by AFLP and SAMPL in a breeding program of Chinese shrimp (*Penaeus chinensis*). *J. Shellfish Res.* 23:897-902. **SCI**

(5) Yu, Z., X. Kong, L. Zhang, X. Guo and J. Xiang, 2003, Taxonomic status of four *Crassostrea* oysters from China as inferred from mitochondrial DNA sequences. *J. Shellfish Res.* 22: 31-38. **SCI**

1. Name: Xiaozhong Hu
2. Gender: Male
3. Academic Degree: Graduate
4. Professional Title: Professor
5. Position: _____
6. Tel: 86+532 8203 1610
7. Fax: 86+532 8203 1610
8. Email: xiaozhonghu@ouc.edu.cn
9. Research fields: Protozoology

10. Major research program undertaken or accomplished:

- (1) Biomonitoring and evaluating pollution of marine environments using protozoan. **Natural Science Foundation of China, 2006.1-2008.12, 280000 yuan,**
- (2) Studies on the structure and function of protists in mariculture waters. **Natural Science Foundation of China, 2003.1-2005.12, 240000 yuan**
- (3) Biomonitoring pollution of marine wetlands. **Program for New Century Excellent Talents in Universities from Education Ministry, 2006.1-2008.12, 500000 yuan**

11. Recent academic publications:

- (1) Two marine ciliates from Japan, including a description of *Dysteria yagiui* nov. spec. ***Europ. J. Protistol.***, 2005, 41: 29-36
- (2) Observations on the morphology and morphogenesis of a new hypotrich ciliate (Ciliophora, Hypotrichida) from China. ***J. Nat. Hist.***, 2004, 38: 1059-1069
- (3) Morphogenesis of *Holosticha braduryae* (Protozoa, Ciliophora) during asexual reproduction cycle. ***Europ. J. Protistol.***, 2003, 39: 173-181
- (4) Redescription of two known species, *Gastrocirrhus monilifer* (Ozaki et Yangiu, 1942) and *Gastrocirrhus stentoreus* Bullington, 1940, with reconsideration of the genera *Gastrocirrhus* and *Euplotidium*. ***Acta Protozool.***, 2003, 42: 345-355
- (5) Observations on the morphology and morphogenesis of a new marine hypotrich ciliate, *Parabirojimia similis* nov. gen., nov. spec. (Ciliophora, Hypotrichida) from China. ***Europ. J. Protistol.***, 2002, 38: 351-364

1. Name: Xiao-Hua Zhang
2. Gender: Female
3. Academic Degree: PhD
4. Professional Title: Professor
5. Position: _____
6. Tel: 86+532 8203 2767
7. Fax: 86+532 8203 2266
8. Email: xhzhang@ouc.edu.cn
9. Research fields : Marine Microbiology, Pathogenic bacteria for marine aquaculture animals

10. Major research program undertaken or accomplished:

- (1) **2004.01-2006.12** National Natural Science Foundation of China (NSFC) project “Studies on haemolysins in *Vibrio* species” (Project no: 30371119). 200 thousand RMB Yuan.
(2) **2005.01-2007.12** Program for New Century Excellent Talents in University “Studies on the interactions between turbot and pathogenic bacteria by differential expression techniques”(Project no: NCET-04-0645). 500 thousand RMB Yuan.
(3) **2006.01-2007.12** Project Sponsored by the Scientific Research Foundation for the Returned Overseas Chinese Scholars, State Education Ministry “Studies on the differential expressed genes of marine fish infected by *Vibrio harveyi*” (Project no: 2005383). 30 thousand RMB Yuan.

11. Recent academic publications:

- (1) Zhong, Y., Zhang, X.-H.* , Chen, J., Chi, Z., Sun, B., Li, Y. and Austin, B. (2006) Overexpression, purification, characterization and pathogenity of *Vibrio harveyi* haemolysin VHH. *Infection and Immunity* 74, 6001-6005. (*Correspondence author)
(2) Zhang, X.-H. and Austin, B. (2005) Haemolysins in *Vibrio* species. *Journal of Applied Microbiology* 98, 1011-1019.
(3) Zhang, X.-H., Axton, J.M., Drinjakovic, J. , Lorenz, L., White-Cooper, H. and Renault, A.D. (2004). Spatial and temporal control of the *gnu* regulator of embryonic mitosis in *Drosophila*. *Journal of Cell Science* 117, 3571-3578.
(4) Renault, A.D., Zhang, X.-H., Alphey, L.S., Frenz, L.M., Glover, D.M., Saunders, R.D.C. and Axton, J.M. (2003). *giant nuclei* is essential in the cell cycle transition from meiosis to mitosis. *Development* 130, 2997-3005.
(5) Zhang, X.-H., Meaden, P.G. and Austin, B. (2001) Duplication of hemolysin genes in a virulent isolate of *Vibrio harveyi*. *Applied and Environmental Microbiology*. 67, 3161-3167.

1. Name: Tingjun Fan
2. Gender: Male
3. Academic Degree: Ph.D.
4. Professional Title: Professor
5. Position: Deputy-Dean, College of Marine Life Sciences
6. Tel: 86+532 8203 1637
7. Fax: 86+532 8203 1793
8. Email: tjfan@mail.ouc.edu.cn
9. Research fields: Cytotechnology and cell differentiation of economic marine animals
10. Major research program undertaken or accomplished:
 - (1) Development of turbot virus vaccine. **Qingdao special development item for the new flourishing marine science and technology, 2004-2006, 200,000 RMB, President.**
 - (2) Studies on the establishment of an embryonic stem cell line from scallop, *Chlamys farreri*. **Shandong distinguished middle-aged and Young scientist encourage and reward foundation. 2004-2006, 60,000 RMB, President.**
 - (3) Studies of the application of new chitin-derivatives in cornea and bone tissue engineering. **Marine 863 hitech Project. 2001-2005 , 150,000 RMB, Subpresider.**
11. Recent academic publications:
 - (1) Properties of Hatching Enzyme from *Xenopus Laevis*. *European Journal of Biochemistry*, 2001, 268(18):4892-4898.
 - (2) Purification and characterization of hatching enzyme from shrimp *Penaeus chinensis*. *Archives of Biochemistry and Biophysics*, 2006, 451(2): 188-193.
 - (3) Purification and Characterization of Hatching Enzyme from Flounder *Paralichthys olivaceus*. *Fish Physiology and Biochemistry*, 2006, 32:35 - 42.
 - (4) In vitro culture of embryonic cells from shrimp *Penaeus chinensis*. *Journal of Experimental Marine Biology and Ecology*, 2002, 267:175-184.
 - (5) Initiation of cartilage Cell Culture from skate, *Raja porosa* Günther. *Marine Biotechnology*, 2003, 5(1): 64-69.

1. Name: Zhifeng Zhang
2. Gender: Female
3. Academic Degree: Ph D
4. Professional Title: Professor
5. Position: Teacher
6. Tel: 86+532 8203 1647
7. Fax: 86+532 8203 1647
8. Email: zzfp107@ouc.edu.cn
9. Research fields: Cell and developmental biology, Reproductive biology of aqua-commercial animal, Marine environmental restoration
10. Major research program undertaken or accomplished:
 - (1) Study on early development in *Urechis unicinctus*. NSFC. 2003-2005
200,000 RMB. Project leader.
 - (2) Mechanism of respiratory metabolism to sulfide exposure in *Urechis unicinctus*. NSFC. 2003-2005, 100,000 RMB. Project leader.
 - (3) Study on immunoreaction characteristic and regulative mechanism in *Penaeus chinensis* and seashell". Ministry of Science and Technology, China(973). 1999-2004,240,000RMB.
11. Recent academic publications:
 - (1) Classification of haematopoietic cells and haemocytes in Chinese prawn *Fenneropenaeus chinensis*. *Fish & Shellfish Immunology*, 2006 21: 159-169
 - (2) The study on the cytology and histochemistry of lymphoid organ spheroids in *Penaeus chinensis*. *Aquaculture*, 2004, 240: 463-471
 - (3) Changes of enzyme activity and hematopoiesis in Chinese prawn *Fenneropenaeus chinensis* (Osbeck) induced by WSSV and zymosan A. *Aquaculture Research*. 2005, 36: 674-681
 - (4) Cyopreservation of sea cucumber *Apostichopus japonicus* (Selenka) sperm. *Aquaculture Research*, 2006, 37: 1450-1457
 - (5) Short-term storage and cryopreservation of *Urechis unicinctus* (Echiura: Urechidae) sperm. *Aquaculture research*. 2004, 35: 1195-1201

1.Name: Wengong Yu

2.Gender: Male

3.Academic Degree: Ph.D.

4.Professional Title: Professor

5.Position: _____

6.Tel: 86+532 8203 1680

7.Fax: 86+532 8203 3054

8.Email: yuwg66@ouc.edu.cn

9.Research fields: Molecular enzymology & Marine Medicine

10. Major research program undertaken or accomplished:

- (1) Structures and functional regulation of glycan chains of tumor cell membrane, **Key Project of Chinese National Programs for Fundamental Research and Development, 2004.3~2009.3, RMB 2,000,000**
- (2) Preparation of high purity of neoagaro-oligosaccharides using novel β -agarases, **Chinese National Programs for High Technology Research and Development, 2004.3~2005.10, RMB 800,000**
- (3) Research of biosynthesis of novel marine bacterium alginate-saccharides using DNA recombinant technology, **Chinese National Natural Science Foundation, 2004.1~2006.12, RMB 190,000**

11. Recent academic publications:

- (1) Prebiotic effects of neoagaro-oligosaccharides prepared by enzymatic hydrolysis of agarose. *Anaerobe*, 2006, 12(5-6): 260-6.
- (2) A high efficient electroporation of *Pseudomonas* sp. QDA pretreated with alginate lyase. *Enzyme and Microbial Technology*, 2006, 39(4): 677-82.
- (3) A novel alginate lyase with high activity on acetylated alginate of *Pseudomonas aeruginosa* FRD1 from *Pseudomonas* sp. QD03. *World J Microb Biot*, 2006, 22(1): 81-8.
- (4) Cloning, Sequence Analysis and Expression of Gene *alyVI* Encoding Alginate Lyase from Marine Bacterium *Vibrio* sp. QY101. *DNA Sequence*, 2004, 15(5-6): 344-50
- (5) A Pivotal Role for CC Chemokine Receptor 5 in T-Cell Migration to Tumor Sites Induced by Interleukin 12 Treatment in Tumor-bearing Mice. *Cancer Res*, 2002, 62(13):3751-8.

1. Name: Guanpin Yang
2. Gender: Male
3. Academic Degree: Ph. D
4. Professional Title: Professor
5. Position: _____
6. Tel: 86+532 8203 1636
7. Fax: _____
8. Email: yguanpin@mail.ouc.edu.cn
9. Research fields: Genetics

10. Major research program undertaken or accomplished:

- (1) Trial Basic Research Program, Ecological regulation of EPA biosynthesis and associated enzyme system of *Nannochloropsis* sp. **Administration of Science and Technology of China. July 2005-July 2007.**

11. Recent academic publications:

- (1) Li XJ, Cong YZ, Yang GP, Qu SC, Li ZL, Wang GW, Zhang ZZ, Luo SJ, Dai HL, Xie JZ, Jiang JL, Wang TY, (2006). Trait evaluation and trial cultivation of Dongfang No.2, the hybrid of a male gametophyte clone of *Laminaria longissima* (Laminariales, Phaeophyta) and a female one of *L. japonica*. ***Journal of Applied Phycology***. DOI 10.1007/s10811-006-9120-0
- (2) Liao MJ, Yang GP, Wang XC, Wang DQ, Zou GW, Wei QW, (2006). Development of microsatellite DNA markers of silver carp (*Hypophthalmichthys molitrix*) and their cross-species application in bighead carp (*Aristichthys nobilis*). ***Molecular Ecology Notes***. DOI 10.1111/j.1471-8286.2006.01542.x

1. Name: Xiguang Chen
2. Gender: Male
3. Academic Degree: Ph.D
4. Professional Title: Professor
5. Position: _____
6. Tel: 86+532 8203 2586
7. Fax: 86+532 8203 2586
8. Email: xgchen@ouc.edu.cn
9. Research fields: Biomaterials

10. Major research program undertaken or accomplished:

- (1) Mechanism and groups effect on the antibacterial function of chitosan. **National Science Fund of China,01-12,2007. 80,000RMB.**
- (2) The researches on thermo-sensitive marine biomaterials. **Science Fund of Shandong Province,2007-2009. 50,000RMB.**
- (3) Rheology studies and nano-capsule formation with chitosan-lipid complex. **Scientist Encouragement Foundation of Shandong Province.100,000RMB.**

11. Recent academic publications:

- (1) Xi Guang Chen,Z.Wang, W.S. Liu, H.J.Park. The effect of carboxymethyl-chitosan on proliferation and collagen secretion of normal and keloid skin fibroblasts. *Biomaterials*.2002, No.23: 4609-4614.
- (2) Xi Guang Chen, Chang M. Lee, H.J. Park. O/W emulsification for the self-aggregation and nanoparticle formation of linoleic acid - modified chitosan in the aqueous system. *Journal of Agriculture and Food Chemistry*. 2003. vol.51, No.10: 3135-3139.
- (3) Xi-Guang Chen, Cheng-Sheng Liu, Chen-Guang Liu, Xiang-Hong Meng, Chong M. Lee, Hyun-Jin Park. Preparation and biocompatibility of chitosan microcarriers as biomaterial. *Biochemical Engineering Journal*. 2006, Vol 27: 269-274.
- (4) Nan Liu, Xi-Guang Chen, Hyun-Jin Park, Chen-Guang Liu, Cheng-Sheng Liu, Xiang-Hong Meng, Le-Jun Yu. Effect of MW and concentration of chitosan on antibacterial activity of Escherichia coli. *Carbohydrate Polymers* 2006, Vol.64: 60-65.
- (5) Hui Yun Zhou, Xi Guang Chen, Cheng Sheng Liu, Xiang Hong Meng, Chen Guang Liu, Jun He, and Le Jun Yu. Cellulose acetate/chitosan multimicrospheres preparation and ranitidine hydrochloride release in vitro. *Drug Delivery*, 2006, Vol.13:261-267.

1.Name: Xuexi Tang

2.Gender: Male

3.Academic Degree: Ph.D

4.Professional Title: Professor

5.Position: Dean

6.Tel: 86+532 8203 2952

7.Fax: _____

8.Email: tangxx@ouc.edu.cn

9. Research fields: Marine Ecology

10. Major research program undertaken or accomplished:

- (1) Studies on Combined Response of Marine Microalgae to UV-B Radiation Enhancement and carbon dioxide Enrichment. **The National Natural Science Foundation of China.**
- (2) Studies on Combined Response of Marine Microalgae to UV-B Radiation Enhancement and carbon dioxide Enrichment. **The Encouraging Foundation for New Century Outstanding Scientist.**

11. Recent academic publications:

- (1) Effect of CO₂ enrichment on Photosynthesis, Lipid peroxidation and Activities of Antioxidative Enzymes of *Platymonas subcordiformis* Subjected to UV-B Radiation Stress. *ACTA BOTANICA SINICA*, 2004, 46 (6): 682—690.
- (2) The effect of UV-B radiation enhancement on the interspecific competition between *Skeletonema costatum* and *Heterosigma akashiwo*. *Acta Oceanologica sinica*, 2005,24(2):77-84
- (3) Effects of UV-B radiation on the growth interaction of *Ulva pertusa* and *Alexandrium tamarense*. *Journal of environmental sciences*, 2005,17(4):605-610
- (4) Physiological and ultrastructural changes of *Chlorella* sp. Induced by UV-B radiation. *Progress in Natural Science*, 2005,15(8):678-683
- (5) Effect of alginic acid decomposing bacterium on the growth of *Laminaria japonica*(Phaeophyceae). *Journal of Environmental Sciences*, 2006,18(3):543-551

1. Name: Shaoguo Ru

2. Gender: Male

3. Academic Degree: Ph.D

4. Professional Title: Professor

5. Position: Director

6. Tel: 86+532 8203 1962

7. Fax: 86+532 8203 1962

8. Email: rusg@ouc.edu.cn

9. Research fields: Toxicological Ecology & Marine Ecology

10. Major research program undertaken or accomplished:

- (1) **National Science Fund Council general projects(2007-2009):** An in vivo screening system for environmental estrogens using free-living marine nematode. (No. 30671618). Principal
- (2) **National Science Fund Council general projects(2003-2005):** Biomarker for environmental estrogen effect of monocrotophos on fish. (No. 30200211). Principal
- (3) **National Science Fund Council general projects(1999-2001):** Na⁺/K⁺-ATPase Antibody cellular Markers for Environmental Stress Responses in Fish Gills. (No. 39870580). Principal.

11. Recent academic publications:

- (1) Yan Jianguo, Ru Shaoguo, Wang Wei. On effects monocrotophos on AChE, CaE, ALP and ACP activities of *Monopterus albus* *Journal of Safety and Environment*, 2006, 6(3): 61-63.
- (2) Bing Xin, Ru Shaoguo, Jiang Ming, Isoda Hiroko, Wang Wei, Wang Shihong. The identification of vitellogenin induction by 17 β -estradiol in male goldfish, *Carassius auratus*. *Journal of Fisheries of China*, 2004, 28 (3): 236-240.
- (3) Wei Xuanhui, Ru Shaoguo, Jiang Ming, Li Yongqi. Effect of monocrotophos on Na⁺/K⁺-ATPase activity and ultramicrostructure of *Sciaenops ocellatus* branchiae. *Chinese Journal of applied ecology*, 2003, 14(12): 2289-2294.
- (4) Ru Shaoguo, Wei Xuanhui. *In Vivo* and *In Vitro* Inhibitions of Red Drum (*Sciaenops ocellatus*) Brain Acetylcholinesterase and Liver Carboxylesterase by Monocrotophos at Sublethal Concentrations. *Water, Air, & Soil Pollution*, 2003, **149 (1-4): 17-25.**
- (5) Ru Shaoguo, Isoda Hiroko, Bing xin. One monitoring method for organophosphorus pesticides cytotoxicity using Caco-2 and PC12 cell line. *Research of Environmental Sciences*, 2003, 16(2): 47-50.

1.Name: Gong-You Tang

2.Gender: Male

3.Academic Degree: Ph.D

4.Professional Title: Professor

5.Position: _____

6.Tel: _____

7.Fax: 86+532 85901980

8.Email: gtang@ouc.edu.cn

9.Research fields: Control Theory and Control Engineering, Control Technology in Ocean Engineering

10. Major research program undertaken or accomplished:

- (1) “Suboptimal control theory of large-scale systems with time-delay and applications in the offshore structure control”, **the National Natural Science Foundation of China, from 2006 to 2008, RMB 250,000, Gong-You Tang.**
- (2) “A successive approximation approach of optimal control for nonlinear systems and its applications” , **the National Natural Science Foundation of China, from 2001 to 2003, RMB 160,000, Gong-You Tang.**
- (3) “Optimal Control for nonlinear systems with disturbances and its applications in the ocean engineering”, **the Key Natural Science Foundation of Shandong Province, , from 2006 to 2008, RMB 90,000, Gong-You Tang.**

11. Recent academic publications:

- (1) Suboptimal control for nonlinear systems: a successive approximation approach, *Systems and Control Letters*, 2005, 54(5): 429-434
- (2) Successive-approximation approach of optimal control for bilinear discrete-time systems, *IEE Proceedings of Control Theory & Applications*, 2005, 152(6): 639-644
- (3) Approximate design of optimal tracking controller for time-delay systems, *Chinese Science Bulletin*, 2006, 51(17): 2158-2163
- (4) Optimal output tracking control for nonlinear systems via successive approximation approach, *Nonlinear Analysis: Theory, Methods and Applications*, 2007, 66(6): 1365-1377
- (5) Optimal tracking control with zero steady-state error for time-delay systems with sinusoidal disturbances, *Journal of Sound and Vibration*, 2007, 299(3): 633-644

1.Name: XiangQian Ding

2.Gender: Male

3.Academic Degree: Graduate student

4.Professional Title: Professor

5.Position: Director of information engineering center

6.Tel: _____

7.Fax: 86+532 8590 2625

8.Email: dxq@cnqd.net

9.Research fields: Intelligence technology and Intelligence system;
Research and systematic application of modern integrated manufacturing

10. Major research program undertaken or accomplished:

(1) Key technology settlement and application engineering of IT Application of manufacturing **Tenth five-years key technology R&D programme 2002-2005 ¥800000**

(2) Research and industrialization of digital family network processor chip and family gateway **National development and reform commissions GNGI demonstration project 2005—2006 ¥800000**

(3) Research of the mode of “software factory” facing to industry and promotion of the development and application of software **Qingdao science and technology generalship project 2004-2007 ¥300000**

11. Recent academic publications:

(1)A New POS System Based on Embedded Linux *Application Research Of Computers* 2006 No.04 p228-230

(2)Research on Transformer Fault Diagnosis with Rough Sets Theory and BP Neural Networks *Periodical of Ocean University of China* 2005 No.6 P1045-1048

(3)Fuzzy Linear Analysis of MLP-Classifiers *Pattern Recognition And Artificial Intelligence* 2005 NO.3 P334-339

(4)A Discussion of Adaptive Genetic Algorithm , Solving Container-Loading Problem *Periodical of Ocean University of China* 2004 No.5 P844-848

(5) The lattice property of fuzzy rough sets *9th International Conference, RSFDGrC* 2003 p339-341

- 1.Name: Huajun Li
- 2.Gender: Male
- 3.Academic Degree: Ph.D.
- 4.Professional Title: Professor
- 5.Position: Dean, College of Engineering
- 6.Tel: 86+532 85901902
- 7.Fax: 86+532 85901902
- 8.Email: _____
- 9.Research fields: Mathematical modeling and Optimization, Estimation and Prediction, Model Updating, Structural Vibration Control for offshore Structures, Health Monitoring and Damage Detection for Offshore Structures
10. Recent academic publications:
- (1) Huajun Li, H Yang and S.-L. James Hu, 2006. Modal Strain Energy Decomposition method for Damage Localization in 3-D Frame structures, *JOURNAL OF ENGINEERING MECHANICS-ASCE*, Vol. 132, No. 9, 941-951
 - (2) Huajun Li; Hu SLJ; Jakubiak C. 2003. H₂ active vibration control for offshore platform subjected to wave loading. *JOURNAL OF SOUND AND VIBRATION*, Vol 263, Iss 4, 709-724.
 - (3) Huajun Li; Hu SLJ. 2002. Tuned mass damper design for optimally minimizing fatigue damage. *JOURNAL OF ENGINEERING MECHANICS-ASCE*, Vol 128, Iss 6, 703-707
 - (4) Hu SLJ; Wang, SQ; Li HJ. 2006. Cross-modal strain method for estimating damage severity. *JOURNAL OF ENGINEERING MECHANICS-ASCE*, Vol 132, No. 4.
 - (5) Sau-Lon James Hu, Huajun Li, 2006. Shuqing Wang, Cross-model cross-mode method for model updating, *Mechanical Systems and Signal Processing (In press)*
 - (6) Bingchen Liang, Huajun Li and Dongyong Lee, Numerical Study of Three-Dimensional Suspended Sediment Transport in Waves and Currents, *Ocean Engineering (In press)*
 - (7) Huajun Li; Wang SQ; Yang YC; Wang Y. 2002. Vibration characteristics of an offshore platform and its vibration control. *CHINA OCEAN ENGINEERING*, Vol 16, Iss 4, 469-482.
 - (8) Wang SQ, Li HJ and T. Takayama, 2005. Modal identification of offshore platforms using statistical method based on ERA, *CHINA OCEAN ENGINEERING*, Vol.19(2), 175-184

1. Name: Ning Mei

2. Gender: Male

3. Academic Degree: Ph.D

4. Professional Title: Professor

5. Position: Associate dean

6. Tel: _____

7. Fax: 86+532 6678 1550

8. Email: nmei@ouc.edu.cn

9. Research fields: Heat Transfer, Combustion and Marine Engine

10. Major research program undertaken or accomplished:

(1) Formation and heat transfer of Rising liquid Film on Fluted Surface of Micro-Combustion Chamber, **NSFC, 2007-09, \$38000.**

(2) Equipment Development of Surface treating of Steal Pipe, **Enterprisment, 2006-2011, \$120000.**

(3) Development of Micro-Combustor, **Enterprisment, 2006-08, \$6500.**

11. Recent academic publications:

(1) "Experimental investigation and mathematical modeling of a solid adsorption refrigeration system", *International Communications in Heat and Mass Transfer*, Vol.32, Issues 3-4, Feb. 2005, Page 349-359.

(2) Flow of Rising Liquid thin Film on Fluted Surface of Horizontal Tube, *J. of Thermal Physics in Engineering*, Vol.26, No.2, 2005,

(3) Study of flow behavior in a vibrating pipe on offshore platform, *Proceedings of the International Conference on Offshore Mechanics and Arctic Engineering-OMAE, 2003, (EI 收录)*

(4) The formation of rising liquid thin film on the fluted surface of a horizontal tube *Heat Transfer - Asian Research*, v 34, n 6, September, 2005, p 396-406.

(5) Numerical Study of Flow Induced Vibration in Pipeline on Offshore Platform", ISOPE-2002, YCL-18, Japan, May, 2002

- 1.Name: Haiyan Guo
2.Gender: Female
3.Position: Ph.D.
4.Professional Title: Professor
5.Duty: Vice Dean
6.Tel: 86+532 8667 81021
7.Fax: 86+532 8667 81550
8.Email: hyguo@ouc.edu.cn
9.Research fields: Fluid and structure interaction;Earthquake resistance engineering;
foundation pit excavation and bracing
- 10. Major research program undertaken or accomplished:**
- (1) Dynamic characteristic and dynamic response of marine risers conveying fluid, **National Natural Science Foundation of China, 50379050, 2004. 1-2006. 12, 250,000RMB**,Guo Haiyan.
 - (2) The principle and application of casing pipe stress detecting by ultrasonic wave method, **Daqing Oilfield Co.Ltd, 2001. 10-2003.10 , 400,000 RMB**,Guo Haiyan.
 - (3) Feasibility study on Qingkou harbor and design of the dock The headquarter of the Ganyu ocean economic development area in JiangShu Province, 2001. 12-2002. 3, 200,000 RMB,Guo Haiyan.
- 11. Recent academic publications:**
- (1) Study on the dynamical characteristics of a marine riser conveying flowing fluid , ***China Ocean Engineering*** , 2000, Vol.14 No.2, p153-160
 - (2) The Effect of Internal on the Response of Vortex-Induced vibration of Marine Risers, ***China Ocean Engineering*** , 2004, Vol.18 No.1, p11-20
 - (3) Numerical and Physical investigation on Vortex-Induced Vibrations of Marine Risers. ***China Ocean Engineering*** , 2006, Vol.20,No.3,pp373-382
 - (4)Vortex-induced vibrations and fatigue life of marine risers conveying flowing fluid, **Engineering Mechanics**,2005, Vol.22 No.4, p220-224
 - (5)Stability Analysis Against Slide of the Portal Water Injection Sheet Pile, ***Periodical of Ocean University of China***, 2005, Vol.35,No.6, p885-888

1.Name: Dingyong Yu

2. Gender: Male

3. Academic Degree: Ph.D.

4. Professional Title: Professor

5. Position: Assocoate director

6.Tel: 86+532 8203 1901

7.Fax: 86+532 8203 1901

8.Email: dyyu01@ouc.edu.cn

6. Research fields: Random wave theory and its application planning and management of port resources

10. Major research program undertaken or accomplished:

- (1)A field study on characteristics of wave breaking and grouping, NSFC, 2005.1~2007.12
- (2)Division of marine functional zone around Qingdao coast, Qingdao Burear of Ocean and Fishery,2005.1~2007
- (3)Enrironmental impact assessment of Jiaonan Shuicheng project, 2006.7~2007.12

11. Recent academic publications:

- (1) Yu Dingyong, Lu Dongfeng,Lu Qinghua and Zhang Hanyuan, Statistics of Wave Crest Characteristics, China Ocean Engineering, 2005, 19(2):205-214
- (2) Yu Dingyong,Zhang Hanyuan, Numerical Simulation of 3-D Wave Crests, Journal of Ocean University of Qingdao. 2003,2(1):78-85
- (3) Yu dingyong et.al, Analyses of reserve area for port developing in Qingdao, Journal of Ocean University of Qingdao(in Chinese), 2005,35(4): 649-654
- (4) Li Jing, Yu Dingyong and Liu Huaxing, Parameterization of wave breaking probability and whitecap coverage, China Ocean Engineering, 2006,20(3): 411-418
- (5) Random Wave Theories, Higher Education Publishing House, Beijing, 2001.

1. Name: Yinbang Wang

2. Gender: Male

3. Academic Degree: Ph.D.

4. Professional Title: Professor

5. Position: _____

6. Tel: 86+532 8590 1684

7. Fax: 86+532 6678 1949

8. Email: wangyb@ouc.edu.cn

9. Research fields: Fracture Mechanics

10. Major research program undertaken or accomplished:

- (1) The research of feasibility for an oil tank separated into some small ones, National Natural Science Foundation of China, January 1998- December 2000, CNY40,000, Yin-Bang Wang
- (2) Boundary element analysis of interaction between elastic inclusions and cracks, Scientific Research Foundation of Ocean University of China, April 2002- September 2004, CNY30,000, Yin-Bang Wang

11. Recent academic publications:

- (1) A new boundary element method for mixed boundary value problems involving cracks and holes: Interactions between rigid inclusions and cracks. *International Journal of Fracture*, 2001, 110(4), pp.387-406.
- (2) The Problem of an External Circular Crack under Asymmetric Loadings. *Applied Mathematics and Mechanics* (English Edition), 2001, 22(1), pp.10-16.
- (3) Boundary element analysis of interaction between an elastic rectangular inclusion and a crack. *Applied Mathematics and Mechanics* (English Edition), 2004, 25(2), pp.152-157.
- (4) A new boundary integral equation method for cracked 2-D Anisotropic Bodies. *Engineering Fracture Mechanics*, 2005, 72(13), pp.2128-2143.
- (5) New boundary element method for torsion problems of cylinder with curvilinear cracks. *Applied Mathematics and Mechanics* (English Edition), 2005, 26(12), pp. 1531-1538.

1. Name: Wei-Ping Huang

2. Gender: Male

3. Academic Degree: Ph.D

4. Professional Title: Professor

5. Position: _____

6. Tel: _____

7. Fax: _____

8. Email: wphuang@ouc.edu.cn

9. Research fields: Nonlinear analysis of fluid-structure interaction for offshore structures;

10. Major research program undertaken or accomplished:

- (1) Study on key technologies of new type of deepwater mooring system for offshore oilfield development, Key program of National Natural Science Foundation of China, RMB1,400,000, 2007-2009, Huang, Wei-Ping
- (2) Study on damage detection of offshore structures under ambient loads, R.F.D.P., 2006-2008, RMB75,000, Huang, Wei-Ping
- (3) Study on the characteristics of static and dynamic and the damage mechanism of subsea pipelines, sponsored by Shengli Oilfield, 2003-2004, RMB360,000, Huang, Wei-Ping

11. Recent academic publications:

- (1) Spectrum Analysis of Lift Forces for Vortex-induced Vibration Based on Vibration Experiment of Pipeline, *Zhongguo Shui Yun*, 2006, 6(5), 45-47
- (2) Nonlinear Dynamic Analysis of Submarine Pipelines Considering Fluid-Structure Interaction, *Periodical of Ocean University of China*, 2006, 36(1): 168-172
- (3) Inversion of Ground Motion and Identification of Structural Parameters by EKF, *Engineering Mechanics*, 2005, 22(4):20-23
- (4) Optimal Sensor Placement Based on Genetic Algorithms, *Engineering Mechanics*, 2005, 22(1):113-117
- (5) Nonlinear Dynamic Analysis of Offshore Platform Considering Fluid-Structure Interaction, *Periodical of Ocean University of China*, 2005, 35(5): 823-826

1.Name: Bing SHI

2. Gender: Male

3. Academic Degree: Ph.D

4. Professional Title: Professor

5. Position: Deputy director

6.Tel: 86+532 6678 1125

7.Fax: 86+532 6678 1550

8.Email: bingshius@yahoo.com

9. Research fields: Hydraulics & River dynamics, Estuary & coastal dynamics

10. Major research program undertaken or accomplished:

- (1) Study on the coastal sediment transport and vegetation revegetation, Returnee Fund of Ministry of Education of the People's Republic of China, 2002-2005, 30000Yuan RMB. Principal Bing Shi.
- (2) Ecological water demands in Yellow river Estuary, Research Plan of Shandong Bureau of Yellow River, 2004-2005, 50000yuanRMB. Principal Bing Shi.
- (3) The width adjustment and hydraulic geometry of the vegetated river, Nature Science Fund of China, 2005-2007, 250000yuanRMB. Principal Bing Shi.

11. Articles in Science Magazine:

- (1) An iterative method of backwater height calculation for vegetation domain, Journal of Hydrodynamics, 2005, Vol.20, No.1, pp79-83.
- (2) Vectorial Bedload Equations and River Width Dynamic Adjustment Modeling, J. of Sichuan University, 2005, Vol.37, Supp, pp124-127.
- (3) Effect of Floodplain Vegetation on Flow Structure in Compound Channel, Proceedings of the 2nd International Yellow River Forum on Keeping Healthy Life of the River, 2005, Vol.III, pp120-127.
- (4) Study on the ecological water demands in Yellow River estuary, Journal of Yellow River, 2005, Vol.27, No.10, pp76-77.
- (5) Velocity distribution in compound channels with vegetated floodplains, Chinese Journal of Theoretical and Applied Mechanics, 2006, Vol.38, No.2, pp246-250.

1. Name: Sheng Dong
2. Gender: Male
3. Academic Degree: Ph.D
4. Professional Title: Professor
5. Position: _____
6. Tel: 86+532 6678 1125
7. Fax: 86+532 6678 1550
8. Email: dongsh@ouc.edu.cn
9. Research fields: Stochastic analysis of ocean environment conditions and their interaction with structures
10. Major research program undertaken or accomplished:
 - (1) Study of Disaster Prevention Design Criteria for Sea Dike Based on Loads Combination and Risk Analysis. **National Natural Science Foundation of China**, 2006.1-2008.12
 - (2) Study on Ocean Structural Vibration Suppression Based on Tuned Liquid Dampers. **Natural Science Foundation of Shandong Province, China**, 2002.12-2005.12.
 - (3) Research of Ocean Platform Vibration Mitigation under Irregular Wave Action. **The Scientific Research Foundation for the Returned Overseas Chinese Scholars of China State Education Ministry**, 2001.1-2003.12
11. Recent academic publications:
 - (1) Application of a compound distribution on estimating wind and wave parameters for fixed platforms design. *The Proceedings of 25th International Conference on Offshore Mechanics and Polar Engineering*, 2006, 1-5.
 - (2) Long term distribution of disaster-caused typhoon storm surges in the coastal area. *Advances in Water Science*, 2005, 16(1): 42-46.
 - (3) Joint probability calculation of typhoon-induced wave height and wind speed. *The Proceedings of 14th International Offshore and Polar Engineering Conference*, Toulon, France, 2004, III: 101-104.
 - (4) New design criteria of coastal engineering for disaster prevention, *The Proceedings of 13th International Offshore and Polar Engineering Conference*, 2003, I: 208-212.
 - (5) Suppression of wave-excited vibration of offshore platform using tuned liquid dampers, *China Ocean Engineering*, 2001, 15(2): 165-176.

1. Name: Huiwang Gao

2. Gender: Male

3. Academic Degree: Ph.D

4. Professional Title: Professor

5. Position: Dean

6. Tel: 86+532 6678 2977

7. Fax: 86+532 6678 2058

8. Email: hwgao@ouc.edu.cn

9. Research fields: Marine and atmospheric fluid dynamics and modelling

10. Recent Research Project:

- (1) Dynamics and modelling of mass transportation in the estuary and coastal seas. National key project from MOST (973) (2003-2007).
- (2) Contributions of atmosphere to active nitrogen in Chinese coastal seas. National key project from NSFC(2004-2007).

11. Recent academic publications:

- (1) Gao H. W., 2001, A numerical study on atmospheric input of nitrogen to the northwest Pacific Coastal Oceans. Wastewater treatment and disposal in coastal areas. Qingdao Ocean University Press. Pp 19-27.
- (2) Gao Huiwang, Wang Qing, 2004: A Numerical Study of Phytoplankton Biomass in the Bohai Sea in 1999, *Journal of Ocean University of China*, 34 (5):867-873(in Chinese with English abstract).
- (3) Zhang K, Gao Huiwang, Zhang R. -J., et al., 2004: The Analysis of Sand2Dust Storms Invading Qingdao During 2000 to 2002, *Climatic and Environmental Research*, 9(3): 510-519 (in Chinese with English abstract).
- (4) Xia Jie, Gao Huiwang. Simulation of annual cycles of Plankton system in Yellow sea. *Journal of Safety and environmental science*(to appear).
- (5) Wang Qi, Gao Huiwang. Studies on daily variation of O₃ and NO_x in the marine boundary layer, *Environmental Science Studies*(to appear).

1. Name: Zhenyu Wang

2. Gender: Male

3. Academic Degree: Ph.D

4. Professional Title: Professor

5. Position: _____

6. Tel: 86+532 6678 2092

7. Fax: 86+532-6678 2092

8. Email: wang0628@ouc.edu.cn

9. Research fields: Environmental Ecology, Bioremediation, Rhizosphere Ecology

10. Major research program undertaken or accomplished:

- (1) Rhizosphere effect of phosphorus eutrophication in NANSIHU, China, National Natural Science Foundation of China, 2006-2008
- (2) Indraft of nutrient resource management Technology, Key Project of National Ministry of Agriculture, China, 2006-2007
- (3) Application of *in situ* rhizosphere solution sampling in rice nutrients dynamics. Key Laboratory project, Chinese Academy of Science, 2005-2007

11. Recent academic publications:

- (1) Wang, Z., Kelly, J.M. and Kovar, J.L. 2005. Depletion of macro-nutrients from rhizosphere soil solution by juvenile corn, cottonwood, and switchgrass plants. *Plant and Soil* 270 (1-2): 213-221
- (2) Wang, Z., Kelly, J.M. and Kovar, J.L. 2004. *In situ* dynamics of phosphorus in the rhizosphere solution of five species. *J. Environ. Qual.* 33: 1387-1392
- (3) Wang, Z. and A. Göttlein and H. Rodenkirchen. 2003. Soil exploration, nutrient partitioning, and nutrient efficiency of beech and spruce seedlings in a rhizotron experiment. *J. Plant Nutrition and Soil Science*, 166: 390-391
- (4) Wang, Z., A. Göttlein, H. Rodenkirchen, F. Fleischmann and W. Osswald. 2003. The influence of *Phytophthora citricola* on rhizosphere soil solution chemistry and nutritional status in European beech. *J. Phytopathology*, 151: 365-368
- (5) Wang, Z., Axel Goettlein and Goether Bartonek. 2001. Effects of growing roots of Norway spruce (*Picea abies* [L.] Karst.) and European beech (*Fagus sylvatica* L.) on rhizosphere nutrient chemistry in a forest soil. *J. Plant Nutr. Soil Sci.* 164 (1): 35-41

1. Name: Xilai Zheng

2. Gender: Male

3. Academic Degree: Ph.D

4. Professional Title: Professor

5. Position: Associate Dean

6. Tel: 86+532 6678 1759

7. Fax: 86+532 6678 2058

8. Email: zhxilai@mail.ouc.edu.cn

9. Research fields: Water Environmental Pollution Prevention& Control

10. Major research program undertaken or accomplished:

- (1) 2000.1-02.12 Natural Scientific Foundation of China “Undersurface Nutrients recharge to the Bohai sea and its biological effects” (\$30,000)
- (2) 2005.1-06.12 Doctoral Foundation of the Education Ministry “Oil contamination and treatment for a sandy beach”(\$10,000).
- (3) 2006.1-08.12 Natural Scientific Foundation of China (Permeability change between fresh water and salty water”(\$50,000).

11. Recent academic publications:

- (1) Chen Youyuan, Zheng Xilai, Studies of groundwater contamination from an oil spill in the Daqing oilfield. Frontier of Geosciences,2001, 8 (4) .
- (2) Lin Guoqing, Zheng Xilai, Cui Junfang. Studies of antiseep and contamination resistance for organic-improved bentonites. Geotechnical Survey,2002 (6) (in Chinese).
- (3) Zheng Xilai, Li Yongle. Analysis of aqueous oil adsorption and the effective factors. Geosciences, 2003 (5) (cited by EI).
- (4) Ren Jiaguo, Zheng Xilai, Xu Mo. Phreatic evaporation regularity study in the arid climatic condition, Journal of Harbin Institute of Technology, 2005, v12 (cited by EI)
- (5) Gao Zengwen, Zheng Xilai,Wu Junwen. Experimental study on the salinity change between the bottom matter and freshwater in the sluice early days of Haiwan reservoir. Advance on water Sciences, 2006,17(2) (cited by EI)

- 1. Name:** Guanqun LIU
- 2. Gender:** Male
- 3. Academic Degree:** Ph.D
- 4. Professional Title:** Professor
- 5. Position:** Nothing
- 6. Tel:** 86+532 6678 2012
- 7. Fax:** 86+532 6678 2102
- 8. Email:** lguanqun@ouc.edu.cn
- 9. Research fields:** Groundwater Resource Evaluation and Management;
Water Environment Protection and Disposal;
Groundwater Discharge to the Sea

10. Major research program undertaken or accomplished:

- (1) Recharges to the deep buried phreatic water by diverting the yellow river water for irrigation and impacts to the environment in arid area. Committee of National Natural Science Foundation of China, 2006 to 2008, 370,000 RMB, LIU-Guanqun.
- (2) The dramatic change of water circulation in yellow river basin and impact on environment (groundwater). Research Institute for Humanity and Nature of Japan, 2003 to 2006, 400,000 RMB, LIU-Guanqun.
- (3) Watersheds nutrient loss and eutrophication evolution of the Jiaozhou Bay. Committee of National Natural Science Foundation of China, 2001 to 2004, 1,600,000 RMB, Zhang Jing.

11. Recent academic publications:

- (1) Estimation of Groundwater and Nutrients Flux from Baisha Watershed into Jiaozhou Bay. Periodical of Ocean University of China, 2005(1):067-072
- (2) Numerical Modeling of Groundwater Flow and Analysis of Soil Salinization in the Luanjing Irrigation Area, Inner Mongolia. Periodical of Ocean University of China, 2004(6):1013-1017
- (3) Time series analysis and prediction model of precipitation in Luanjing area, Inner Mongolia. Geotechnical Investigation & Surveying, 2003(4): 23-26
- (4) A case study to detect the leakage of underground pressureless cement sewage water pipe using GPR, electrical, and chemical data. Environmental science & technology, 2002, 36: 1077-1085
- (5) Synthetical investigation method of underground pipeline leakage. Earth Science Frontiers, 2001, 8(1):358

1.Name: Hong Lin

2.Gender: Male

3.Academic Degree: Ph.D

4.Professional Title: Professor

5.Position: Dean

6.Tel: 86+532 8203 2272

7.Fax: 86+532 8203 2389

8.Email: linhong@ouc.edu.cn

9.Research fields: Food safety

10. Major research program undertaken or accomplished:

- (1) Study on shrimp allergen to food safety, **National Natural Science Foundation**,2005-2007
- (2) The key technology and instrument on the detection of seafood allergen, **National hi-tech research and development plan** (863),2007-2009
- (3) Risk analysis and concentration of Arsenic and inorganic arsenic in seaweed, **Department of Agriculture**,2006-2007

11. Recent academic publications:

- (1) Li Zhenxing, Linhong , Caolimin and Khalid Jamil Reduction of allergenic properties of shrimp (*Penaeus Vannamei*) allergens by high intensity ultrasound, **European Food Research and Technology** Publisher:Springer-Verlag GmbH, 2006.ISSN: 438-2377
- (2) Li Zhenxing ,Lin Hong ,Cao Limin Jamil Khalid,effect of high intensity ultrasound on the allergenicity of shrimp, **J.Zhejiang Univ.SCIENCE B** 2006 7(4):251-256
- (3)Li Zhenxing Lin Hong & Cao Limin, Influence of ultrasonic treatment on the allergenic properties of shrimp (*Penaeus Vannamei*) allergen, **J of Ocean University of China**, 2006, 5(2): 115-118
- (4) Weifen Wang, Hong Lin,Changhu Xue, Jamil Khalid , Elimination of chloramphenicol, sulphamethoxazole and oxytetracycline in shrimp, *Penaeus chinensis* following medicated-feed treatment, **Environment international** , 2004, 30 (3): 367-373
- (5) Liu Chune,Linhong,Cao Limin, Jiangjie, Anti-enrofloxacin Antibody Production by Using Enrofloxacin, **J of Ocean University of China**, 2005, 4 (3): 262-266

1.Name: Li Bafang

2.Gender: Male

3.Academic Degree: Ph.D

4.Professional Title: Professor

5.Position: Director

6.Tel: 86+532 8203 1852

7.Fax: 86+532 8203 1852

8.Email: bfli@ouc.edu.cn

9.Research fields: Ocean bio-activity material and functional composition

10. Recent academic publications:

- (1) Y.GLIU,L.XLIU,Z.W.LEIA.Y.GAO,B.F.LI Identification of polymorphic microsatellite markers from RAPD product in turbot (*Scophthalmus maximus*) and a test of cross-species amplification. *Molecular ecology notes*, 2006, 6, 867-869

- (2) L.lin, B-F Li. Radical scavenging properties of protein hydrolysates from Jumbo flying squid (*Dosidicus eschrichtii* Steenstrup) skin gelatin. *Journal of the Science of Food and Agriculture*, 2006, 86, 2290-2295

- 1.Name: Dongfeng Wang
- 2.Gender: Male
- 3.Academic Degree: Ph.D
- 4.Professional Title: Professor
- 5.Position: Vice Dean
- 6.Tel: 86+532 8203 1575
- 7.Fax: 86+532 8203 2468
- 8.Email: wangdf@ouc.edu.cn
- 9.Research fields: Food Chemistry and Nutrition, Bioinorganic Chemistry of Mineral Elements
- 10.Major research program undertaken or accomplished:
- (1) Study on High Technology for Seaweeds to New Uses, **The High Technology Research and Development Program of China**, 2001.11-2003.12
 - (2) Study on Hydrolysis of the Complexes Made from Algal Polysaccharides and Rare Earth Elements for OPs, **S & D Projection Fund of Qingdao City of China**, 2003.1-2005.12
 - (3) Study on Bioactivities of Complexes made from Sea Polysaccharides and Rare Earth Elements , **Shandong Province Scientific Foundation of China** 2004.1-2006.12
11. Recent academic publications:
- (1) Effect of rare earth elements on peroxidase activity in tea shoots J. Sci. *Food Agric.* 2003, 83:1109-1113
 - (2) Effects of spraying rare earths on contents of rare earth elements and effective components in tea, J. Agric. *Food Chem.* 2003, 51:6731-6765
 - (3) Effects of Rare Earths and Its Complex with Extract from Seaweed (*Laminaria japonica*) on Growth and Immunization of Penaeid Shrimp (*Penaeus vannamei*) *J Rear Earth*,2005, 23 (1): 103-107
 - (4) Enzyme-like activities of algal polysaccharide-cerium complexes, *Journal of Ocean University of China*, 2005, 4(1):29-33
 - (5) The Use of Complexes of Algae Polysaccharides and Ce⁴⁺ to Degrade Compounds Containing Phosphodiester or Peptide Bonds, *Carbohydrate Polymers*, 2005,62(1):1-5

1.Name: Shuanglin Dong

2.Gender: Male

3.Academic Degree: Ph.D.

4.Professional Title: Professor

5.Position: _____

6.Tel: _____

7.Fax: 86+532 82032799

8.Email: dongsl@ouc.edu.cn

9.Research fields: Aquaculture ecology, Aquatic ecology

10. Major research program undertaken or accomplished:

- (1) National Natural Science Foundation of China for Talent Youth: Aquaculture ecology of saline-alkaline ponds and tidal zone ponds (1998-2001)
- (2) National Basic Research Program (973 Program): Effects of environmental factors on disease resistance of shrimp and artificial control (1999-2004)
- (3) National Key Technologies R&D Program: Healthy culture techniques of pond shrimp in tidal zone (2000-2005)
- (4) National High-tech R&D Program (863 Program): Environment control and bioremediation of sea cucumber culturing ponds (2006-2008)
- (5) National Key Technologies R&D Program: Pollution control and cleaning production of mariculture on tidal zone (2006-2010)

11. Recent academic publications:

- (1) Effects of salinity fluctuation in different ranges on intermolt period and growth of juvenile *Fenneropenaeus chinensis*. *Acta Oceanologia sinica*, 2005, 24(3):141-147.
- (2) Effects of salinity fluctuation pattern on growth and energy budget of juvenile shrimp *Fenneropenaeus chinensis*. *Journal of Shellfish Research*, 2005, 24:1217-1221.

- (3) Allelopathic growth inhibition of *Prorocentrum micans* (Dinophyta) by *Ulva pertusa* and *Ulva linza* (Chlorophyta) in laboratory cultures. *European Journal of Phycology*, 2005, 40(1):31-37.
- (4) Growth, energy allocation, and biochemical composition of the body of Chinese shrimp, *Fenneropenaeus chinensis*, fed different diet. *Crustaceana*, 2005, 78(2): 141-162.
- (5) Effects of diel temperature fluctuations on growth, oxygen consumption and proximate body compositions of sea cucumber *Apostichopus japonicus* Skelenka. *Aquaculture*, 2006, 255:514-521.
- (6) Interaction of salinity and Na/K ratio in seawater on growth, nutrient retention and food conversion of juvenile *Litopenaeus vannamei*. *J. Shellfish Research*, 2006, 25 (1) : 107-112
- (7) The clam, Xishi tongue *Coelomactra antiquata* (Speng;er), a promising new candidate for aquaculture in China. *Aquaculture*, 2006, 255: 402-409.
- (8) The effects of thermal amplitude on the growth of Chinese shrimp *Fenneropenaeus chinensis*. *Aquaculture*, 2006, 251:516-524.
- (9) Effects of seawater potassium concentration on the dietary potassium requirement of *Litopenaeus vannamei*. *Aquaculture*, 2006, 258: 543-550.
- (10) Studies on the rotifer (*Brachionus urceus* Linnaeus, 1758) as a vector in white spot syndrome virus (WSSV) transmission. *Aquaculture*, 2006, 261:1181-1185.

1.Name: Kangsen Mai

2.Gender: Male

3.Academic Degree: Post-graduates

4.Professional Title: Professor

5.Position: _____

6.Tel: 86+532 8203 2038

7.Fax: 86+532 8203 2038

8.Email: kmai@ouc.edu.cn

9.Research fields: Aquaculture Nutrition and feeds

10. Major research program undertaken or accomplished:

- (1) Researches on protein metabolism and its regulation mechanism in Japanese founder, National Natural Science Foundation of China, 2004-2006, RMB 0.45M, Kangsen Mai.
- (2) Researches and developments of high performance aquaculture feeds, National Key Technologies R&D Program for the 10th Five-year Plan of China, 2001-2005, RMB 3.0M, Kangsen Mai.
- (3) Researches on nutritional physiology of water soluble vitamins in abalone *Haliotis discus hannai*, National Science Fund for Distinguished Young Scholars, 2000-2003, RMB 0.8M, Kangsen Mai.

11. Recent academic publications:

- (1) Kangsen Mai, Chunxiao Zhang, Qinghui Ai, Qingyuan Duan, Wei Xu, Lu Zhang, Zhiguo Liufu and Beiping Tan, 2006. Dietary phosphorus requirement of large yellow croaker, *Pseudosciaena crocea* R. *Aquaculture*, 251: 346-353.
- (2) Kangsen Mai, Junli Wan, Qinghui Ai, Wei Xu, Zhiguo Liufu, Lu Zhang, Chunxiao Zhang and Huitao Li, 2006. Dietary methionine requirement of large yellow croaker, *Pseudosciaena crocea* R. *Aquaculture*, 253: 564-572.
- (3) Chen, H., Mai, K., Zhang, W., Liufu, Z., Xu, W., Tan, B., 2005. Effects of dietary pyridoxine on immune responses in abalone, *Haliotis discus hannai* Ino. *Fish & Shellfish Immunology*, 19: 241-252.
- (4) Ai Q., Mai K., Duan Q, Zhang L., Li H., Zhang C., 2004. Effects of dietary protein to energy ratios on growth and body composition of juvenile Japanese seabass, *Lateolabrax japonicus*. *Aquaculture* 230, 509-516.
- (5) Zhang, W., Mai, K., Xu, W., Ai, Q., Tan, B., Liufu, Z., Ma, H., 2004. Effects of vitamin A and D on shell biomineralization of abalone *Haliotis discus hannai*, Ino. *J. Shellfish Res.*, 23(4): 1065-1071.

1. Name: Wenbin Zhan

2. Gender: male

3. Academic Degree: Ph.D

4. Professional Title: professor

5. Position: dean

6. Tel: 86+532 8203 2284

7. Fax: _____

8. Email: wbzhan@ouc.edu.cn

9. Research fields: Pathology and Immunology of Aquatic Animals

10. Major research program undertaken or accomplished:

(1) Pathogenicity with molecular infection of shrimp white spot syndrome virus and preventable ways

(2) Development of neutralization monoclonal antibody against lymphocytic virus of fish.

11. Recent academic publications:

(1) Development and characterization of monoclonal antibody to the lymphocystis disease virus of Japanese flounder *Paralichthys olivaceus* isolated from Chian. Journal of Virological Methods, 2006, 135:173-180

(2) Development of dot-immunogold filtration assay to detect white spot syndrome virus of shrimp. Journal of Virological Methods, 2006, 132:212-215

(3) Development of an immunochromatographic test to detect white spot syndrome virus of shrimp. Aquaculture, 2006, 255:196-200

(4) Development of primary shrimp hemocyte cultures of *Penaeus chinensis* to study white spot syndrome virus infection. Aquaculture, 2006, 253:114-119

1. Name: Qi Li

2. Gender: Male

3. Academic Degree: Ph.D

4. Professional Title: Professor

5. Position: Dean of Aquaculture Department

6. Tel: 86+532 8203 1622

7. Fax: 86+532 8289 4024

8. Email: qili66@mail.ouc.edu.cn

9. Research fields: Genetics and Reproductive Biology of Shellfish

10. Major research program undertaken or accomplished:

(1) 2004-2006: Development of microsatellite markers and their application to genetics and breeding in the Pacific abalone.

(2) 2005-2007: Studies on the construction of genetic map and its application in the Pacific abalone.

(3) 2006-2008: Studies on genetic characteristics of gynogenetic diploids of marine molluscs.

11. Recent academic publications:

(1) Li, Q., Yu, H. and Y. Ruihai (2006): Genetic variability assessed by microsatellites in cultured populations of the Pacific oyster (*Crassostrea gigas*) in China. *Aquaculture*, 259:95-102.

(2) Li, Q. and A. Kijima (2006): Microsatellite analysis of gynogenetic families in the Pacific oyster, *Crassostrea gigas*. *Journal of Experimental Marine Biology and Ecology*, 331:1-8.

(3) Li, Q. and A. Kijima (2006): Genetic variation of Chinese and Japanese wild Pacific abalone (*Haliotis discus hannai*) measured by microsatellite DNA markers. *Acta Oceanologica Sinica*, 25:146-155.

(4) Li, Q. and A. Kijima (2005): Segregation of microsatellite alleles in gynogenetic diploid Pacific abalone (*Haliotis discus hannai*). *Marine Biotechnology*, 7:669-676.

(5) Li, Q., Park, C., Endo, T. and A. Kijima (2004): Loss of genetic variation at microsatellite loci in hatchery strains of the Pacific abalone (*Haliotis discus hannai*). *Aquaculture*, 235:207-222.

- 1.Name: Shen MA
2.Gender: Male
3.Academic Degree: B.Sc
4.Professional Title: Professor
5.Position: _____
6.Tel: 86+532 8203 2041
7.Fax: 86+532 8289 4024
8.Email: mashen@ouc.edu.cn

9. Research Interests:

- ◆ Biology and production of decapod crustacean larvae
- ◆ Aquaculture technique and management of decapod crustacean
- ◆ Technology and management of water and sediment quality control in shrimp culture

10. Sponsored Research:

- (1) “Effects of environmental stress on the disease resistance of the shrimp and the ways of regulation” (2000-2004), Supported by National Basic Research Program of China (973 Program) .
- (2) “Appraisal of coastal biotic populations and technology of biotic resources restoration for the tideland” (2003-2005), Supported by Hi-Tech Research and Development Program of China (863 Program) .
- (3) “Study and practice of the technology of healthy shrimp culture for the coastal ponds” (2004-2006) Supported by Key Technologies R&D Program of China.

11. Articles in Science Magazine:

- (1) MA Shen, ZHANG Daobo, WANG Kexing. Effects of coated ascorbic acid and magnesium ascorbyl-2-phosphate in the diet on the larvae of shrimp *Penaeus chinensis* [J]. Oceanologia et Limnologia Sinica, 1999,30(3)273-277 (Chinese)
- (2) You Kui, Ma Shen. Preliminary study on organic carbon in shrimp cultural Ecosystems[J]. Journal of Ocean University of China, 2002, 32(1):51-55 (Chinese)
- (3) Xingqiang Wang, Shen Ma, Shuanglin Dong, and Mei Cao. Effects of salinity and dietary carbohydrate levels on growth and energy budget of juvenile *Litopenaeus vannamei* [J]. Journal of Shellfish Research, 2004, 23(1): 231-236
- (4) SU Yuepeng, MA Shen, DONG Shuanglin. Variation of alkaline phosphatase activity in sediments of shrimp culture ponds and its relationship with the contents of C, N and P [J]. Journal of Ocean University of China, 2005, 4(1):75-79
- (5) FENG Minyi, MA Shen, ZHENG Zhenhua. Study of biological methods for pollution-control of of shrimp ponds [J] Journal of Ocean University of China, 2006, 36(1):089-094 (Chinese)

1. Name: Beiping Tan
2. Gender: Male
3. Academic Degree: Ph. D
4. Professional Title: Professor
5. Position: _____
6. Tel: 86+532 8203 2495
7. Fax: 86+532 8889 1002
8. Email: bptan@ouc.edu.cn
9. Research fields: Nutritional immunology and feed of aquatic animals
10. Major research program undertaken or accomplished:

- (1) Manufacturing and application of non-specific immunostimulants for shrimp and mollusk, financially supported from the National High Technology and Development Project of China (863 project), started from 2001, and finished in 2005, RMB 2,600,000. This Program was chaired by Beiping Tan.
- (2) Studies in the nutritional physiology of cobia, *Rachycentron canadum*, financially supported from the National Natural Scientific Fund of China (NSFC), started from 2003, and finished in 2005, RMB 190,000. This Program was chaired by Beiping Tan.
- (3) Development of environmentally friendly feed for cobia, *Rachycentron canadum*, financially supported from the National High Technology and Development Project of China (863 project), started from 2004, and will finish in 2006, RMB300,000. This Program was chaired by Beiping Tan.

11. Recent academic publications:

- (1) Comparative study between probiotic *Arthrobater* XE-7 and chloraphenicol on protection of *Penaeus chinensis* post-larvae from pathogenic vibrios. *Aquaculture*, 2006, 253:140-147.
- (2) Replacement of fish meal by meat and bone meal in practical diets for the white shrimp *Litopenaeus vannamei* (Boone). *Aquaculture Research*, 2005, 36(5):439-444.
- (3) Apparent digestibility of selected feed ingredients for juvenile cobia *Rachycentron canadum*. *Aquaculture*, 2004, 241(1):441-451.
- (4) Response of juvenile abalone, *Haliotis discus hannai* to dietary calcium, phosphorus and Ca/P ratio. *Aquaculture*, 2001, 198(1):141-158.
- (5) Effects of dietary vitamin K on survival, growth and tissue concentrations of phylloquinone (PK) and menaquinone-4 (MK-4) for juvenile abalone, *Haliotis discus hannai*. *J Exp Mar Biol Eco*, 2001, 256(2):229-239.

1.Name: Luqing Pan

2.Gender: Male

3.Academic Degree: Ph.D

4.Professiona Title: Professor

5.Position: Assistant director

6.Tel: 86+532 8203 2963

7.Fax: 86+532 8203 2963

8.Email: panlq@ouc.edu.cn

9.Research Interests: The Physiology of Crustacean; Environmental Toxicology

10. Sponsored Research:

- (1) The production translation of the Large-scale health culture technology of fish and prawn, The agricultural science and technology outcome translation program of Tian Jin city,2006-2007.
- (2) Studies of nutritional physiology in the larvae of crustacean, Programs of National Science Foundation of China,2002-2004.

11. Articles in Science Magazine:

- (1) Effects of different dietary protein content on the growth and protease activity of the Eriocheir sinensis larvae. *Aquaculture*,2005,246:313-319.
- (2) Effects of benzo(k)flouranthene exposure on the Biomarkers of mussel *Chlamys farreri*. *Comp.Biochem.Physiol.*2005,141:248-256.
- (3) Effects of Salinity and pH on Immune Parameters of the White Shrimp *litopenaeus vannamei*. *Journal of Shellfish Research*,2005, 24(4):1223-1228.
- (4) Responses of antioxidant systems and LPO level to benzo(a)pyrene and benzo(k)flouranthene in the haemolymph of the mussel *Chlamys Ferrari*. *Environmental Pollution*,2006,141(3): 443-451.
- (5) Evaluation of antioxidant enzyme, metallothionein and DNA strand break as biomarkers of Cd exposure in a seawater field crab, *Charybdis japonica*. *Comp.Biochem.Physiol.*,2006,144:67 -75.

1. Name: Zhaoping Wang

2. Gender: Female

3. Academic Degree: Ph.D

4. Professional Title: Professor

5. Position: _____

6. Tel: 86+532 8203 2873

7. Fax: _____

8. Email: zpwang@ouc.edu.cn

9. Research fields: Genetic and Breeding in Molluscs

10. Major research program undertaken or accomplished:

(1) 2001-2005 “863” Project “Tetraploid breeding in Pacific oyster”. Funded by the ministry of Science and Technology. Principal.

(2) 2000~2002 NNSF grant “Mechanism of fast growing in polyploid oysters”. Principal.

(3) 1996~2000 863 Project “Polyploid Breeding in Oysters. the ministry of Science and Technology. Co-Principal.

11. Recent academic publications:

(1) Observation on Meiotic crossover in oocytes of Pacific oyster (*Crassostrea gigas*) at metaphase during meiosis I. *Periodical of Ocean University of China*, 2006, 36(2):265-268.

(2) Large-scale production of all-triploid Pacific oyster (*Crassostrea gigas*) seeds by crossing tetraploids and diploids. *Periodical of Ocean University of China*, 2004, 34(5):742-746.

(3) Growth comparison between triploid and diploid Pacific Oyster During the reproductive season. *American Fisheries Society Symposium*, 2003, 38: 285-289.

(4) Heterozygosity and Body Size in Triploid Pacific Oysters, *Crassostrea gigas* Thunberg, Produced from Meiosis II Inhibition and Tetraploids. *Aquaculture*, 2002, 204:337-348.

(5) Aneuploid Pacific Oyster (*Crassostrea gigas* thunberg) As Incidentals From Triploid Production. *Aquaculture*, 1999, 173: 347-357.

1.Name: Zhenlin Liang

2.Gender: Male

3.Academic Degree: Ph.D

4.Professional Title: Professor

5.Position: Vice Director

6.Tel: 86+532 8203 2511

7.Fax: 86+532 8203 2511

8.Email: liang@ouc.edu.cn

9.Research Interests: Fisheries Engineering, Fishing Gear, Fisheries Resource Assessment and Management

10. Sponsored Research:

- (1) Exploitation of new type fish-farming cage system and farming technology, National 863 Plan, 2006-2010
- (2) Exploitation of artificial reef effective for squid or cuttlefish multiplication, R&T office of Shandong province, 2005-2007
- (3) Research on the feasibility of the TAC system in China, Agriculture Ministry of China, 2006-2007

11. Articles in Science Magazine:

- (1) 應用兩種不同的波浪理論計算方形網箱水準波浪力，中國水產科學，2005。
- (2) 單點系泊網衣構件波浪試驗研究，海洋與湖沼，2005。
- (3) Numerical Simulation of Dynamic Response of Supple Net, China Ocean Engineering, 2006.
- (4) Experimental study on the effect of horizontal waves on netting panels, Fisheries Science, 2006, 72, 967-976.
- (5) 網箱形狀在海流中變化特性的模型試驗，中國海洋大學學報，2006。

- 1.Name:** Qun Liu
2.Gender: Male
3.Academic Degree: Ph.D.
4.Professional Title: Professor
5.Position: _____
6.Tel: 86+532 8203 1715
7.Fax: 86+532 8203 2605
8.Email: qunliu@mail.ouc.edu.cn
9.Research Interests: Fisheries

10. Sponsored Research:

- (1) Population Dynamics and sustainable exploitation of Spanish Mackerel of the Yellow and Bohai Seas, National Natural Science Foundation, 2003.1-2005.12, RMB190,000.00 Liu Qun.
- (2) Dynamics of marine environment and its relationship to the fisheries resources in the China Sea. 973 project, 2006.1-2010.12, RMB28,000,000.00, Wu Dexing.
- (3) Population Dynamics of Engraulidae and Clupeidae Fishes in the Yellow and Bohai Seas, National Natural Science Foundation, 1998.1-2000.12, RMB130,000.00, Liu Qun.

11. Articles in Science Magazine:

- (1) A Bayesian analysis on the anchovy stock (*Engraulis japonicus*) in the Yellow Sea, Fisheries Research, 2006, in press.
- (2) Comparison of Akaike information criterion (AIC) and Bayesian information criterion (BIC) in selection of stock - recruitment relationships, Fisheries Research, 2006, 77(2006): 220-225.
- (3) Estimation of natural mortality using statistical analysis of fisheries catch-at-age data. Fisheries Research, 2006, 78(2006): 342-351.
- (4) Preliminary study on the numerical models and related factors in fisheries catch and biomass, J. Ocean Univ. of China, 2005, 35 (3): 375-381.
- (5) Study of the estimation of fish natural mortality and the related factors, J. Ocean Univ. of China, 2005, 35 (1): 020-024.

1.Name: Tianxiang Gao

2. Gender: Male

3. Academic Degree: Ph.D

4. Professional Title: Professor

5. Position: _____

6.Tel: 86+532 8203 2063

7.Fax: 86+532 8203 2076

8.Email: gaozhang@ouc.edu.cn

9.Research fields: Marine Fisheries Ecology, Population Genetics, Molecular Systematics, Fisheries Enhancement

10. Major research program undertaken or accomplished:

- (1) Population genetics on *Pennahia argentata* and *Nibea albiflora*. National Natural Science Foundation of China, 2005-2007, 245,000 Yuan, Tianxiang Gao
- (2) Ecological and genetic study on Pacific cod (*Gadus macrocephalus*) of Japan and China. The Japan Society for the Promotion of Science (JSPS), 2004-2006, 2,400,000 En, Tianxiang Gao
- (3) Population genetics and taxonomic study on sea bass (*Lateolabrax* spp.). National Natural Science Foundation of China, 2000-2002, 120,000 Yuan, Tianxiang Gao

11. Recent academic publications:

- (1) Differential population structuring and demographic history of two closely related fish species, Japanese sea bass (*Lateolabrax japonicus*) and spotted sea bass (*Lateolabrax maculatus*) in Northwestern Pacific. *Molecular Phylogenetics and Evolution*, 2006, 39:799-811
- (2) Late Pleistocene divergence and subsequent population expansion of two closely related fish species, Japanese anchovy (*Engraulis japonicus*) and Australian anchovy (*Engraulis australis*). *Molecular Phylogenetics and Evolution*, 2006, 40:712-723
- (3) Pleistocene isolation in the marginal ocean basins and limited dispersal in a marine fish, *Chelon haematocheilus* (Temminck & Schlegel, 1845). *Molecular Ecology*, 2006 (in press)
- (4) Genetic variation among local populations of the Japanese mitten crab *Eriocheir japonica* De Haan. *Fisheries Science*, 1998, 2:198-205
- (5) Comparative analysis of mitochondrial DNA sequences between *Verasper variegatus* and *V. moseri*. *High Technology Letters*, 2004, 14:329-334 (In Chinese with English abstract)

1.Name: Qiang Gao

2.Gender: Male

3.Academic Degree: Ph.D

4.Professional Title: Professor

5.Position: Director

6.Tel: 86+532 85901927

7.Fax: 86+532 85901697

8.Email: gao1221@126.com

9.Research fields: economic theory and policy of agriculture、 the economic manage of marine、 the development strategy of enterprise

10. Major research program undertaken or accomplished:

- (1) the economic structures transform and depend on the application research of rural and marine economy, the excellent talent adhesion plan of the new century, 2006-2008, 200000, Gao Qiang
- (2) the farmer differentiation in coastal area and the research of butt joint model about industrialization and urbanization, National Natural Science Foundation, 2003-2006, 140000, Gao Qiang
- (3)the promoting urbanization of the institutional constraints and innovation research in China, National Social Science Foundation, 2003-2004, 80000, Gao Qiang

11. Recent academic publications:

- (1)Sthenic Syndrome Analysis of Confinement Factor in China's Rural Urbanization, 《Chinese Rural Economy》 ,2002、 4 : 11-14
- (2) The Study on Affecting Factors About Development of Rural Arbanization , 《Research on Economic and Management》 ,2005、 2: 18-24
- (3)The Comparison of Urbanization Model Between American and Japan, 《Economic Reciew》 , 2002、 3: 41-46
- (4)The Strategy Research on Fishery Economic Development Under the Resource and Environment of Duplex Constraint, 《 Problems of Agricultural Economy》 , 2006、 1: 29-33
- (5) The Course of American Urbanization and Its Enlightenment, 《 World Agriculture》 , 2002、 5: 24-27

1.Name: Miao Wang

2.Gender: Female

3.Academic Degree: Ph.D

4.Professional Title: Professor

5.Position: vice Director of Management College

6.Tel: 86+532 85901929

7.Fax: 86+532 85901697

8.Email: wangmiaoxx@126.com

9.Research fields: Exploitation and Management of Ocean Resources, Strategic Management of Enterprise

10. Major research program undertaken or accomplished:

- (1)2005-2007 Research on Loss Regulations and Estimating Measures of Ocean Resource Assets, Program under Natural Science Fund of State, Director
- (2)2003-2005 Theoretical and Application Research on Value of Ocean Ecological Resources, Program under Social Science Fund of State, Director
- (3)2004-2006 Research on Scientific and Technological Strategies and Countermeasures to Achieve Great Power Country in Ocean Field, Fundamental Biding Project of National Soft Sciences, Director

11. Recent academic publications:

- (1)Strategic Thinking on China's Ocean Economy Development in 21st Century. China's Soft Science.11: 27~32,2003
- (2)Loss Reasons and Fathering Measures of China's Ocean Resource Assets. Resource Science.9: 102~107,2006
- (3)Strategic Thinking on System Reform of China's Ocean Science and Technology. Scientific Progress and Countermeasures.1: 41~45,2006
- (4)Group Development Strategy of Small and Medium-sized Enterprises. Macro Economy Research.9: 40~42,2003
- (5) Patterns and Strategies of Self-determined Company Renovation in China's New-styled Industrialization Process. Economy Research.10: 60~62,2005

1.Name: Xiumei Zhang

2.Gender: Female

3.Academic Degree: PhD

4.Professional Title: Professor

5.Position: Vice Director

6.Tel: 86+532 8203 2076

7.Fax: 86+532 8203 2076

8.Email: gaozhang@ouc.edu.cn

9.Research fields: Behaviour ecology of fish

10. Major research program undertaken or accomplished:

(1)**National Key Technologies R & D Program:** The study and demonstration of high quality rearing techniques for the shrimp in intensive culture system (2004-2006)

(2)**Key Technologies R & D Program of Shandong province:** Technology of ecology enhancement and marine habitat rehabilitation by artificial reefs (2004-2006)

(3) **Marine and Fisheries Bureau of Shandong province:** The Study of Enhancement and Spawning Substrate on the Golden Cuttlefish *Sepia Esculenta* (2005-2007)

11. Recent academic publications:

(1) The swimming ability and physiological response to exhaustive exercise in whiteleg shrimp, *Litopenaeus vannamei*. Comparative Biochemistry and Physiology. A, 2006, 145: 26-32.

(2) The effects of body weight, temperature, salinity, pH, light intensity and feeding condition on lethal DO levels of whiteleg shrimp, *Litopenaeus vannamei* (Boone, 1931). Aquaculture, 2006, 256: 579-587.

(3) Effects of temperature, pH & NaCl on protease activity in digestive tract of young turbot, *Scophthalmus maximus*. Chinese Journal of Oceanology and Limnology, 2006, 24(3): 300-306.

(4) Morphological studies on the development of melanophores and scales in malpigmented *Paralichthys olivaceus* larvae. Acta Hydrobiologica Sinica, 2004, 28(6): 653-658.

(5) The measurement of the water drag on *Sebastes Schlegeli*. Journal of Ocean University of Qingdao, 2004, 3(1): 70-74.

1.Name: Tao Jiang

2.Gender: Female

3.Academic Degree: Ph.D

4.Professional Title: Professor

5.Position: _____

6.Tel: 86+532 8203 2712

7.Fax: 86+532 8203 3054

8.Email: jiangtao@ouc.edu.cn

9.Research fields: Medicinal Synthetic Chemistry

10. Major research program undertaken or accomplished:

1. Study on the Synthesis and structure of metal sacchride complex and its catalytic activity for the hydrolysis of DNA **Nature Science Foundation of China 2004-2006**
2. Studies on the Chemical Modification of Bioactive Compounds by Saccharide and Anti-tumor Activities of the Modified Compounds **Nature Science Foundation of Shandong Province 2003-2006**
3. Synthesis and Molecular Structure of transition-metal-saccharide Complexes and their Bioactivities **Chinese Ministry of Education Encouragement Fund 2003-2005**

11. Recent academic publications:

- (1) Metal-N-saccharide chemistry: synthesis and structure determination of two Cu(II) complexes containing glycosylamines *Carbohydrate Research* 2004, 339, 2139—2143
- (2) Synthesis, Crystal Structure and in vitro antitumor activity of Di-n-butyltin 4'-(7-oxabicyclo [2,2,1]-5-heptane-2,3-dicarboximide) Benzoates *J. Organomet. Chem.* 2005, 690, 2186-2190
- (3) Potential of Eigen Value Method to the study on structure-antioxidant activity relationship *Chinese Journal of Chemistry* 2005,23,816-822
- (4) Synthesis and spectral analysis of Metal-N-Glycoside complexes and study on Catalyzed ester hydrolytic kinetics *Spectroscopy and spectral Analysis* 2005, 25, 979-983
- (5) Synthesis, Crystal Structure of Ni(II) Complex with Glucosylamine and Its Catalytic Activity of Hydrolysis of PNPP *Acta Chimica Sinaca* 2005, 63, 555-558

1.Name: Yingxia LI

2.Gender: Female

3.Academic Degree: Ph.D

4.Professional Title: Professor

5.Position: _____

6.Tel: 86+532 8203 2150

7.Fax: 86+532 8203 3054

8.Email: liy417@ouc.edu.cn

9.Research fields: Synthetic medicinal chemistry

10. Major research program undertaken or accomplished:

- (1) Synthesis and function stimulation of typical oligosaccharides and glycoconjugates on the surface of tumor cells (2003CB716403), **the 3th research Project, National Basic Research Program of China “973”, 2004-2008, 1500000 RMB**, Principal Investigator.
- (2) Clinical trial of the novel anti-cerebral ischemia drug *D*-JUGANZHI (2003AA624060) **National High Technology Research and Development Program of China 863 Program, 2001-2005, 1000000 RMB**, Principal Investigator.
- (3) Structural optimization and antitumor activity investigation of a marine bioactive peptide, **National Nature Science Foundation of china, 230000 RMB**, Principal Investigator.

11. Recent academic publications:

- (1) Synthesis of the Cytotoxic Gitogenin 3- β -O-[2-O-(α -L-Rhamnopyranosyl)- β -D-galactopyranoside] and its Congeners, *Synthesis* **2006**, 5, 775-782.
- (2) Synthesis of chlorogenin 6 α -O-acyl- β -chacotriosides and their antitumor activities, *Carbohydr Res* **2005**, 340, 1453-1459.
- (3) An unprecedented *N*-trans-acylation reaction on 2-acetamido-2-deoxy- α -D-gluco-pyranosides, *Tetrahedr Lett* **2004**, 45, 611-613.
- (4) Synthesis of cluster mannosides via Ugi four-component reaction and their inhibition against the binding of yeast mannan to concanavalin A, *Carbohydr Res*, **2004**, 339, 873-879.
- (5) Total synthesis and reassignment of stereochemistry of obyanamide, *Tetrahedron*, **2006**, 62, 9966-72.

- 1.Name: Guoqiang Li
2.Gender: Male
3.Academic Degree: PH.D
4.Professional Title: Professor
5.Position: Teacher
6.Tel: 86+532 8203 2323
7.Fax: 86+532 8203 3054
8.Email: liguoqiang@ouc.edu.cn
9.Research Interests: marine drugs

10. Sponsored Research:

- (1) Investigation and evaluation on marine medicinal organism sources, **908 special program from State Oceanic Administration, 2005.1 – 2009.12, BMB 1,100,000**, Guan huashi;
- (2) Environmental prevention and bio- remediation for the marine ecosystem by use of the cultivation of medicinal plants, **State Oceanic Administration, 2005.1 – 2007.12, BMB 3,000,000 万元**, Guan huashi;
- (3) Studies on the antitumor lead compounds and medicinal gene sources of marine organisms, **Bureau of Qingdao Science and Technology, 2005.1 – 2007.12, BMB 50,000**, Li guoqiang.

11. Articles in Science Magazine:

- (1) Steroids from the soft coral *Dendronephthya sp.* *Steroids*, 2005, 70:13-18.
- (2) Cytotoxic Cembranoid Diterpenes from a Soft Coral *Sinularia gibberosa*. *Journal of Natural Products*, 2005, 68, 649-652.
- (3) Two New Constituents from the Soft Coral *Nephthea hainansis*. *Chinese Chemical Letters*, 2005, 16(4): 494-496.
- (4) Two New compounds from *Rhododendron Przewalskii Maxim.* *Chemical Research of Chinese Universities*, 2003, 19(4): 422-424.
- (5) Chemical Constituents from Starfish *Asterias rollestoni*. *Journal of Chinese Pharmaceutical Science*, 2004, 13(2): 81-86.

1.Name: Weiming Zhu

2.Gender: Male

3.Academic Degree: Ph.D

.Professional Title: Professor

5.Position: Teacher

6.Tel: 86+532 8203 2065

7.Fax: 86+532 8203 3054

8.Email: weimingzhu@ouc.edu.cn

9.Research fields: Natural Medicinal Chemistry

10. Major research program undertaken or accomplished:

- (1) Discovery of leading compounds with anti-tumor activities from marine-derived microorganisms (No.2003AA624020), **Chinese National Programs for High Technology Research and Development(863), 2003.10-2005.10,RMB 1,200,000,Zhu Wei-Ming**
- (2) Syntheses and anti-tumor activities of the derivatives of the new PKC inhibitor, ACT-007 and their structure-active relationship(No.30572246), **Chinese National Natural Science Fund, 2006.01-2008.12, RMB 230,000, Zhu Wei-Ming**
- (3) Studies on the anti-tumor constituents from the halophilic and halotolerant microorganisms(No.30670219), **Chinese National Natural Science Fund, 2007.01-2009.12, RMB 260,000, Zhu Wei-Ming**

11. Recent academic publications:

- (1) Penicillones A and B, two novel polyketides with tricyclo [5.3.1.0^{3,8}] undecane skeleton, from a marine-derived fungus *Penicillium terrestre*. *Tetrahedron Lett.* 2005, 46 (30): 4993-4996.
- (2) 10-Phenyl-[12]-cytochalasins Z7, Z8, and Z9 from the marine-derived fungus *Spicaria elegans*. *J. Nat. Prod.* 2006, 69 (6): 871-875.
- (3) A new diphenyl ether from marine-derived fungus *Aspergillus* sp. B-F-2. *J. Antibiot.* (Tokyo) 2006, 59(6): 362-365.
- (4) Two new benzoquinone derivatives and two new bisorbicillinoids were isolated from a marine-derived fungus *Penicillium terrestre*. *J. Antibiot.* (Tokyo) 2005, 58 (7): 441-446.
- (5) Dihydrotrichodimerol and Tetratrachodimerol, Two New Bisorbicillinoids, from a Marine-derived *Penicillium terrestre*. *J. Antibiot.* (Tokyo) 2005, 58 (10): 621-624.

1.Name: Qianqun Gu
2.Gender: Female
3.Academic Degree: Master
4.Professional Title: Professor
5.Position: _____
6.Tel: 86+532 8203 2065
7.Fax: 86+532 8203 3054
8.Email: guqianq@ouc.edu.cn

9.Research fields : 1. Exploiting the new medicinal resources of marine microorganisms, organisms-associated microorganisms and microalga. 2. Investigation of marine microorganisms to discover bioactive secondary metabolites, research mainly centers on the structures of new active compounds against tumors, neurological diseases, infectious diseases as well as cardiovascular diseases. 3. Structure-modify of active compounds by biotransformation or semi-synthesis methods for the studying on the structure-activity relationships of bioactive compounds and for the providing lead compounds of new drug.

10. Major research program undertaken or accomplished:

- (1) Pre-clinical studying of anti-Alzheimer's disease new drug HSH—971, **Chinese National Programs for High Technology Research and Development (No.2005AA624020), 1000000¥**, (in charge) (completed)
- (2) Studies on the new anti-Alzheimer's disease activity compounds from endophytic fungi *Cistanche deserticola*, **Chinese National Natural Science Fund (No.30472136), 250000¥**, (in charge) (in progress)
- (3) Search for antitumor lead compounds from marine sponges -associated microorganisms, **Shandong Province Natural Science Fund (Z2006C13), 60000¥**, (in charge) (in progress)

11. Recent academic publications:

- (1) Three New 10-phenyl-[12]-cytochalasins Z₇, Z₈ and Z₉ from Marine-derived Fungus *Spicaria elegans*, *Journal natural product*, 2006, 69 (6): 871-875 (SCI) (corresponding author)
- (2) Penicillones A and B, two novel polyketides with tricyclo [5.3.1.0^{3,8}] undecane skeleton, from a marine-derived fungus *Penicillium terrestre*, *Tetrahedron Letter*, 2005, 46(30): 4993-4996 (SCI) (corresponding author)
- (3) Weizhong Liu^a, Qianqun Gu^{a*}, Weiming Zhu^{a*}, Chengbin Cui^{a, b} and Guotao Fan^a Dihydrotrichodimerol and Tetratrachodimerol, Two New Bisorbicillinoids, from a Marine-derived *Penicillium terrestre*, *Journal of Antibiotics*, 2005, 58 (10): 621-624 (SCI) (corresponding author)
- (4) Two new benzoquinone derivatives and two new bisorbicillinoids were isolated from a marine-derived fungus *Penicillium terrestre*, *Journal of Antibiotics*, 2005, Vol. 58, No.7 pp.441-446 (SCI) (corresponding author)
- (5) A New Diphenyl Ether from Marine-derived Fungus *Aspergillus* sp. B-F-2, *Journal of Antibiotics*, 2006, 59 (6): 362-365 (SCI) (corresponding author)

1.Name: Changyun Wang

2.Gender: Male

3.Academic Degree: Ph.D

4.Professional Title: Professor

5.Position: Teacher

6.Tel: 86+532 8203 1503

7.Fax: 86+532 8203 1503

8.Email: changyun@ouc.edu.cn

9.Research fields: Marine medicinal bioresources; Marine pharmaceutical chemistry; Marine chemical ecology

10. Major research program undertaken or accomplished:

- (1) Program for New Century Excellent Talents in University (NCET-05-0600), **Ministry of Education of China**, 2006.1-2009.12.
- (2) Investigation and assessment on marine medicinal bioresources in China (908-01-ST12; 908-02-05-04), **Chinese Offshore Investigation and Assessment ("908" Project of China)**, 2004.11-2009.12.
- (3) Technology for research and development of marine drugs (2004AA621020), **the State "863" High-Tech Project of China**, 2004.3-2005.1

11. Recent academic publications:

- (1) Melophlins C-O, thirteen novel tetramic acid derivatives from the marine sponge *Melophlus sarassinorum*. *J. Nat. Prod.* 2003, 66, 51–56.
- (2) Microsphaerones A and B, two novel γ -pyrone derivatives from the sponge-derived fungus *Microsphaeropsis* sp. *J. Nat. Prod.* 2002, 65:772–775.
- (3) Allelopathic growth inhibition of *Prorocentrum micans* (Dinophyta) by *Ulva pertusa* and *Ulva linza* (Chlorophyta) in laboratory cultures. *Eur. J. Phycol.*, 2005, 40(1):31–37.
- (4) A new clerosterol derivative, *trans-phytol*, and related metabolites from marine green alga *Codium fragile* (Codiaceae) and their chemotaxonomic significance. *Biochem. Syst. Ecol.*, 2005, 33(12), 1288–1292.
- (5) New methoxylated aryltetrahydronaphthelene lignans and a norlignan from *Aglaia cordata*. *Tetrahedron Lett.* 2002, 43: 5783–5787.

1.Name: Guangli Yu

2.Gender: Male

3.Academic Degree: Ph.D.

4.Professional Title: Professor

5.Position: _____

6.Tel: 86+532 8203 1560

7.Fax: 86+532 8203 1560

8.Email: glyu@ouc.edu.cn

9.Research fields : Carbohydrate-based Marine Drug; Glycochemistry and Glycobiology

10. Major research program undertaken or accomplished:

- (1) Fine structure study of Grifolan-peptide with anticancer activity, **National Natural Science Foundation, 2004-2006, 180,000CNY**; PI, Yu Guangli
- (2) Structure study of unique glycan in cancer cell membrane, **National Basic Research Program (973); 2003-2008; 300,000CNY**; PI, Yu GUangli
- (3) Structure and anticancer study of Grifolan sulfate, **Qingdao Municipal Science and Technology Commission; 2005-2007; 250,000**; PI, Yu Guangli

11. Recent academic publications:

- (1) Sequence analysis of alginate-derived oligosaccharides by negative-ion electrospray tandem mass spectrometry, *J. Amer. Soc. Mass Spectrometry*, 2006, 17, 621–630
- (2) Preparation and structure elucidation of alginate oligosaccharides degraded by alginate lyase from *Vibro Sp* 510. *Carbohydrate research*, 2004, 339(8),1475-81
- (3) Synthesis and antitumor activities of glucan derivatives. *Tetrahedron*. 2004, 60 (30): 6345–6351
- (4) Preparation and anticoagulant activity of the phosphosulfomannan PI88. *European J. of Med. Chem.*, 2002, 37(10): 783-791
- (5) Structural Studies on κ -Carrageenan Derived Oligosaccharides. *Carbohydrate Research*. 2002, 337(5): 433-440

- 1.Name: Fukai Luo
- 2.Gender: Male
- 3.Academic Degree: Ph.D
- 4.Professional Title: Professor
- 5.Position: Dean of Research Institute of Financial Management
- 6.Tel: 86+532 85901557
- 7.Fax: 86+532 85901697
- 8.Email: qdlfk@sohu.com
- 9.Research fields: Basic theory of corporate finance, the theory of essential capital and corporate financial strategy

10. Major research program undertaken or accomplished:

- (1)Financial Cycle and Selection of Financial Strategy, **Shandong Province Planning Office of Social Science, Sep.2004 to Oct.2006, the budget is 46,000 yuan, the principal is Luo FuKai**
- (2)Research of Financial Management of Shandong brand corporations, **Shandong Province Finance Bureau, Mar.2006 to Dec.2007, the budget is 100,000 yuan, the principal is Luo Fukai**
- (3)Research of Prediction of Finance Debt of Qingdao government, **Qingdao Government, Feb.2005 to Oct.2005, the budget is 100,000 yuan, the principals are Han Limin and Luo Fukai**

11. Recent academic publications:

- (1)T The Inherent Logic of Finance Theory, and Value Creation, *Accounting Research*, 2003 No.3, p23~27
- (2)Research of Finance Problem of Deflation, *Accounting Research*, No.4, p38~41, 2002
- (3)The Study on Value Creating Function of Corporate Finance, *Journal of communication of finance and accounting*, 2004 No.4, p3~8
- (4) The Evolution of the History of Finance Ideology and Value Creation, *The Theory and Practice of Finance and Economics*,2002 No.5,p70~75
- (5)The Empirical Research of Financial Leverage Overall Level of Chinese Corporations, *Finance and Economics*, 2006 No.1, p119~124

- 1.Name: Guojun Xu
- 2.Gender: Male
- 3.Academic Degree: Ph.D
- 4.Professional Title: Professor
- 5.Position: Vice CFO, Head of Financial Department
- 6.Tel: 86+532 82032800
- 7.Fax: 86+532 82031639
- 8.Email: gixu@ouc.edu.cn
- 9.Research fields: Modern Accounting Theory, Renben Accounting & Management of Behavior Value
- 10. Major research program undertaken or accomplished:**
- (1)The Application Study on the Three-dimensional Accounting Based on Human Capital Value. **the Ministry of Education, 2005.12-08.12, ¥80000**, Xu Guojun
- (2)Research on the System of Three-dimensional Accounting and Dynamic Accounting of Three Dimensions. Program of Social Science ,**Shandong Province,2001.6-03.12, ¥20000**, Xu Guojun
- (3)Research on the Renben Accounting and Value-created Management. **Ocean University of China, 2003.9-08.9, ¥50000**, Xu Guojun
- 11. Recent academic publications:**
- (1)On the Triple-direction of Accounting Structure and Accounting Space. *Accounting Research*, Sep.2003,No.9 :p14-17
- (2)Probing of Design from Plane Accountant to Three-dimensional Accountant. *Modern Finance & Economics*, 2006,No.3: p24-29
- (3)Changes in Property Rights and Development of Accounting Dimension .*The Business Review of Kansai University* ,Japan, Apr.2002,No.1 Volume XLVII: p169-190
- (4)The Advancing of Three-dimensional Accounting and the Thinking on Basic Problems. *Finance & Accounting*, 2002,No.1&2:p18-21; 14-17
- (5)On the Framework of Renben Accounting. *China Accounting Research & Education*, 2006 ,No.1: p35-47

1.Name: Jian Sun

2.Gender: Male

3.Academic Degree: Ph.D

4.Professional Title: Professor

5.Position: deputy director of postgraduate education center

6.Tel: 86+532 85901556

7.Fax: 86+532 85901556

8.Email: sunjian1866@sina.com

9.Research fields : human resource management corporation management

10. Major research program undertaken or accomplished:

- (1) Working as the principal of the National Science Fund Item: The Theoretic Analysis and Empirical Research of Talents Aggregation (from 2006 to 2008)
Sum: 170,000
- (2) Working as the principal of the National Soft Science Item: Research on the Mechanism of Proper Science Talents Flow (from 2004 to 2005) Sum: 100,000
- (3) Working as the principal of the Social Science Research Item of Education Department: Research on the Chinese Talents Aggregation Model based on SPPD Sum: 50,000

11. Recent academic publications:

- (1) Analysis of the Relationship between Hidden Economic and Income Imbalance during Economic Transition, *XinHua Abstract*, 2002.4
- (2) Suggestions on how to Perfect the Mechanism of Motivating Technicians and Protecting Their Production, *Management World*, 2003.2
- (3) International Comparison of the Labor Reemployment during Economic Transition, *Renmin University Copy Material: Labor Economics and Labor relations*, 2005.3
- (4) The Research on Regularity in the Returning of Overseas Technological Talents, *Renmin University Copy Material: 《Labor Economy and Relations》* 2006.01
- (5) Difference of the Economic Growth of the Western and Eastern from the point of View of View of Manpower Capital of Woman, *Renmin University Copy Material: 《Labor Economy and Relations》* 2006.04

1.Name: Xijian Quan

2.Gender: Male

3.Academic Degree: Ph.D

4.Professional Title: Professor

5.Position: Director of Management School

6.Tel: 86+532 85902787

7.Fax: 86+532 85901697

8.Email: glxyyb@ouc.edu.cn

9.Research fields: Development of Town Economy

10. Major research program undertaken or accomplished:

- (1)Study on Core Competence of the Corporation with Famous Brand in Shandong, **Soft Science Project of Shandong, 2003-2005, 60000.00**, Quan Xijian
- (2)Research on Management Innovation Mechanism, **Shandong Social Science Program , 2003-2005, 60000.00**, Quan Xijian
- (3)Research on Industry's Development Strategies in Qingdao, **Qingdao Government, 2005-2006, 80000.00**, Quan Xijian

11. Recent academic publications:

- (1)Defect Analysis of Share-holding Cooperative system. *China Industrial Economy*. 2001,10. 78
- (2) Management Model of Foreign State-owed Assets. *Macroeconomic Management*. 2001, 9. 56
- (3)Study on Market Structure and the Pricing of an Enterprise. *The Oriental Forum*.2002,12. 89
- (4)Enterprise Stages of Growth and the Revolution of its Organization Structure. *Economic Review*. 2005,6. 75
- (5)Study on Enterprise Sustainable Development Capability. *Journal of Ocean University of China*. 2006,5. 77