1. PERSONAL DETAILS

Full name	**Panagiotis Angaridis**
Father's name	Athanasios
Date of birth	October 6, 1973
Home address	Ariadnis 1-3, 54249 Thessaloniki, Greece
Work address	Laboratory of Inorganic Chemistry, Department of Chemistry, A.U.Th., University Campus, 54124 Thessaloniki, Greece
Phone	+30 2310 997437 (w) / +30 6936 298 311 (mob)
e-mail	panosangaridis@chem.auth.gr
Marital status	Married

2. EDUCATION

A. Academic degrees

08/1998 – 12/2002 **Ph.D. in Chemistry**
Department of Chemistry, Texas A&M University, College Station, Texas, U.S.A.
Supervisor: Prof. F. A. Cotton

09/1991 – 11/1995 **B.Sc. in Chemistry**
Department of Chemistry, University of Crete, Heraklio, Greece
Undergraduate Research Supervisor: Prof. R. G. Raptis

B. Additional training

02/2012 – 01/2014 **Postdoctoral training**
Laboratory of Bioinorganic Chemistry, Department of Chemistry, University of Crete, Heraklio, Greece
Supervisor: Prof. A. G. Coutsolelos

08/2003 – 07/2005 **Postdoctoral training**
Department of Chemistry, University of Michigan, Ann Arbor, Michigan, U.S.A.
Supervisor: Prof. V. L. Pecoraro

03/2003 – 07/2003 **Postdoctoral training**
Department of Chemistry, Texas A&M University, College Station, Texas, U.S.A.
Supervisor: Prof. F. A. Cotton

02/1997 – 02/1998 **Graduate research training**
Research School of Chemistry, Australian National University, Canberra, Australian Capital Territory, Australia
Supervisors: Prof. R. G. Raptis, Dr. G. A. Heath

06/1995 – 10/1995 **Undergraduate Erasmus Studentship**
Department of Chemistry, University of Wales, Swansea, U.K.
Supervisor: Prof. C. Morley

3. EMPLOYMENT HISTORY

12/2015 - present	**Assistant Professor** Laboratory of Inorganic Chemistry, Department of Chemistry, A.U.Th., Thessaloniki, Greece
01/2014 – 12/2015	**Lecturer** Laboratory of Inorganic Chemistry, Department of Chemistry, A.U.Th., Thessaloniki, Greece
02/2012 – 01/2014	**Postdoctoral Research Associate** Laboratory of Bioinorganic Chemistry, Department of Chemistry, University of Crete, Heraklio, Greece Supervisor: Prof. A. G. Coutsolelos
09/2009 – 02/2012	**Scientific Associate (appointed Assistant Professor)** Department of Oenology and Beverage Technology, Kavala Institute of Technology, Drama, Greece
03/2010 – 07/2010	**Scientific Associate (appointed Assistant Professor Π.Δ. 407/80)** Department of Primary Level Education, Democritus University of Thrace, Alexandroupoli, Greece
04/2007 – 12/2009	**Chemical Laboratory Manager and Quality Manager** Odette N. Petrides S.A., Manufacturing and Marketing of Tobacco Products, Kavala, Greece
09/2006 – 06/2007	**Laboratory Associate (appointed Lecturer)** Department of Sciences, Kavala Institute of Technology, Kavala, Greece
08/2003 – 07/2005	**Postdoctoral Research Associate** Department of Chemistry, University of Michigan, Ann Arbor, Michigan, U.S.A. Supervisor: Prof. V. L. Pecoraro
03/2003 – 07/2003	**Postdoctoral Research Associate** Department of Chemistry, Texas A&M University, College Station, Texas, U.S.A. Supervisor: Prof. F. A. Cotton
08/1998 – 12/2002	**Graduate Research Assistant** Department of Chemistry, Texas A&M University, College Station, Texas, U.S.A. Supervisor: Prof. F. A. Cotton
02/1997 – 02/1998	**Graduate Research Trainee** Research School of Chemistry, Australian National University, Canberra, Australian Capital Territory, Australia Supervisors: Prof. R. G. Raptis, Dr. G. A. Heath
11/1995 – 01/1997	**Chemist - Research Assistant** Department of Chemistry, University of Crete, Heraklion, Greece Supervisor: Prof. R. G. Raptis

4. RESEARCH ACTIVITY

A. Research experience

02/2012 – 01/2014 **Postdoctoral Research Associate**
Laboratory of Bioinorganic Chemistry, Department of Chemistry, University of Crete, Heraklio, Greece
Supervisor: Prof. A. G. Cousolelos
- synthesis of porphyrin hybrid systems, study of their structural, spectroscopic, and electronic properties, and their electronic structures by DFT calculations
- use of porphyrin hybrid systems as photosensitizers in solar cells (DSSC and BHJ)

08/2003 – 07/2005 **Postdoctoral Research Associate**
Department of Chemistry, University of Michigan, Ann Arbor, Michigan, U.S.A.
Supervisor: Prof. V. L. Pecoraro
- synthesis of oligonuclear Mn and Fe complexes as structural, spectroscopic and functional models of the active sites of biomolecules, and study of their structural, spectroscopic, electrochemical, and magnetic properties

03/2003 – 07/2003 **Postdoctoral Research Associate**
Department of Chemistry, Texas A&M University, College Station Texas, U.S.A.
Supervisor: Prof. F. A. Cotton
- synthesis of multiply bonded binuclear $[Ru_2]^{n+}$ (n = 4, 5)complexes, structure determination by X-ray crystallography, study of their electrochemical and magnetic properties, and their electronic structures by DFT calculations
- synthesis of supramolecular architectures based on $[Ru_2]^{n+}$ (n = 4, 5) units, structure determination by X-ray crystallography, study of their electrochemical and magnetic properties

08/1998 – 12/2002 **Graduate Research Assistant**
Department of Chemistry, Texas A&M University, College Station Texas, U.S.A.
Supervisor: Prof. F. A. Cotton
- synthesis of multiply bonded binuclear Cu_2^{2+}, Re_2^{4+}, and Ru_2^{5+}complexes, structure determination by X-ray crystallography, and study of their electrochemical and magnetic properties
- synthesis of supramolecular architectures based on Cu_2^{2+}, Re_2^{4+}, and Ru_2^{5+} units, structure determination by X-ray crystallography, study of their electrochemical and magnetic properties
- systematic study of reactivity of multiply bonded $[Re_2X_8]^{2-}$X = Cl, Icomplexes with phosphine ligands under various experimental conditions, structure determination by X-ray crystallography, and study of their electrochemical properties

02/1997 – 01/1998 **Graduate Research Trainee**
Research School of Chemistry, Australian National University, Canberra, Australian Capital Territory, Australia
Supervisors: Prof. R. G. Raptis and Dr. G. A. Heath
- synthesis of mononuclear and oligonuclearCu^{I} and Cu^{II} complexes with pyrazole ligands, and study of their structural, electrochemical and magnetic properties

11/1995 – 01/1997 **Chemist - Research Assistant**
Department of Chemistry, University of Crete, Heraklion, Greece
Supervisor: Prof. R. G. Raptis
- synthesis of mononuclear and oligonuclear Pd^{II} and Cu^{II}complexes with pyrazole ligands, and study of their structural, electrochemical and magnetic properties

B. Rerearch interests and specialized experimental techniques

i. Current research interests and projects in the Department of Chemistry, A.U.Th.

- mono- and polynuclear Cu and Ag complexes with ligands that contain N, P and S donor atoms:syntheses, study of structural, electronic and photophysical properties, and biological and photocatalytic applications
- Cu complexes as photosensitizers for solar cells (DSSC and BHJ), OLEDs and photocatalytic conversions
- Co and Ni complexes as catalysts for small molecule activation and organic transformations
- multiply-bonded $[Ru_2]^{n+}$complexes with equatorial bridging ligands with N and S donor atoms: syntheses, study of their structural, electrochemical, and magnetic properties, and biological and catalytic applications
- inorganic materials for solar energy conversion
- organometallic chemistry and catalysis

ii. Specialized experimental methods and technologies

- synthesis and manipulation of inorganic and organometallic air- and water-sensitive compounds, using inert atmosphere techniques
- methods for characterization of inorganic molecular materials (UV-vis, IR, multinuclear NMR spectroscopies, electrochemistry, magnetic susceptibility using SQIUD magnetometer)
- X-ray crystallographic methods of single crystals
- Density Functional Theory method calculations

C. Participation in funded research projects

04/2016 - 03/2017 *Luminescent Cu(I) complexes for application in OLED-type light sources* (Research Committee of AUTh)
Principal Investigator: P. Angaridis, Department of Chemistry, Aristotle University of Thessaloniki, Greece

02/2012 – 02/2014 Postdoctoral Research Associate in research program *Bioinspired Solar Enegry Utilization* (FP7-REGPOT)
Superivisor: Prof. A. G. Coutsolelos, Department of Chemistry, University of Crete, Heraklio, Greece

08/2003 – 07/2005 Postdoctoral Research Associate in research program *Strutural models for multinuclear manganese enzymes* (N.I.H. U.S.A.)
Supervisor: Prof. V. L. Pecoraro, Department of Chemistry, University of Michigan, Ann Arbor, Michigan, U.S.A.

03/2003 – 07/2003 and 08/1998 – 12/2002 Research Assistant and Postdoctoral Research Associate in research program *Supramolecular assemblies based on multiply bonded binuclear complexes* (N.S.F. and Welch Foundation U.S.A.)
Supervisor: Prof. F. A. Cotton, Department of Chemistry, Texas A&M University, College Station, Texas, U.S.A.

12/1995 – 02/1997 Chemist-Research Assistant in research program *Inorganic Polymers* (ΓΓΕΤ-ΠΕΝΕΔ 94, Greece)
Superivisor: R. G. Raptis, Department of Chemistry, University of Crete, Heraklio, Greece

D. Research collaborations

- Prof. P. Aslanidis, Department of Chemistry, A.U.Th., Thessaloniki
- Prof. A. G. Coutsolelos, Department of Chemistry, University of Crete, Heraklio
- Dr. E. N. Koukaras, Institute of Chemical Engineering Sciences, Foundation for Research and Technology, Patra
- Prof. I. Lykakis, Department of Chemistry, A.U.Th., Thessaloniki
- Prof. R. G. Raptis, Department of Chemistry and Biochemistry, Florida International University, Miami, Florida, U.S.A.
- Prof. C. A. Murillo, Department of Chemistry, Texas A&M University, College Station, Texas, U.S.A.
- Prof. M. A. Petrukhina, Department of Chemistry, State University of New York at Albany, Albany, U.S.A.
- Assist. Prof. D. Villagrán, Department of Chemistry, University of Texas at El Paso, El Paso, Texas, U.S.A.

5. PUBLISHED SCIENTIFIC WORK

A. Ph.D. Dissertation

A1. *Dimetal units as building blocks of supramolecular arrays-Mixed halide/phosphine complexes of the dirhenium core*
Angaridis, P.
Ph.D. Dissertation, Texas A&M University, College Station, **2002**

B. Publications in international peer-reviewed journals and book-series

B1. *Incorporating multiply bonded dirhenium species $[Re_2]^{n+}$ (n=4 or 5) into assemblies containing two or more such units*
Bera, J. K.; Angaridis, P.; Cotton, F. A.; Petrukhina, M. A.; Fanwick, P. E.; Walton, R. A.
J. Am. Chem. Soc. **2001**, *123*, 1515-1516.

B2. *Mixed halide/phosphine complexes of the dirhenium core. Part 7. Reactions of $[Re_2I_8]^{2-}$ with monodentate phosphines*
Angaridis, P.; Cotton, F. A.; Dikarev, E. V.; Petrukhina, M. A.
*Polyhedron***2001**, *20*, 755-765.

B3. *Bis(diphenylphosphino)methanedicopper(I) units bridged by dicarboxylates*
Angaridis, P.; Cotton, F. A.; Petrukhina, M. A.
Inorg. Chim. Acta **2001**, 324, 318-323.

B4. *Mixed chloride-phosphine complexes of the dirhenium core 9. The first mixed monodentate phosphine complex, 1,2,7,8-$Re_2Cl_4(PMe_2Ph)_3(PEt_2H)$*
Angaridis, P. A.; Cotton, F. A.; Dikarev, E. V.; Petrukhina, M. A.
Inorg.Chim. Acta **2002**, *330*, 173-178.

B5. *Mixed chloride-phosphine complexes of the dirhenium core. Part 11. Reactions of $[Re_2Cl_8]^{2-}$ with secondary phosphines, PCy_2H and PPh_2H*
Angaridis, P. A.; Cotton, F. A.; Dikarev, E. V.; Petrikhina, M. A.
Inorg.Chim. Acta **2002**, *332*, 47-53.

B6. *Synthesis and structural characterization of trinuclear Cu^{II}-pyrazolato complexes containing μ_3-OH, μ_3-O, and μ_3-Cl ligands. Magnetic susceptibility study of $[PPN]_2[(\mu_3\text{-}O)Cu_3(\mu\text{-}pz)_3Cl_3]$*
Angaridis, P. A.; Baran, P.; Boca, R.; Cervantes-Lee, F.; Haase, W.; Mezei, G.; Raptis, R. G.; Werner, R.
Inorg. Chem. **2002**, *41*, 2219-2228.

B7. *Molecular squares with paramagnetic diruthenium corners: Synthetic and crystallographic challenges*
Angaridis, P.; Berry, J. F.; Cotton, F. A.; Murillo, C. A.; Wang, X. P.
J. Am. Chem. Soc. **2003**, *125*, 10327-10334.

B8. *Dicarboxylato-bridged diruthenium units in two different oxidation states: the first step towards the synthesis of Creutz-Taube analogs with dinuclear Ru_2^{n+} species*
Angaridis, P.; Berry, J. F.; Cotton, F. A.; Lei, P.; Lin, C.; Murillo, C. A.; Villagran, D.
*Inorg. Chem. Commun.***2004**, *7*, 9-13.

B9. *Paramagnetic precursors for supramolecular assemblies: Selective syntheses, crystal structures, and electrochemical and magnetic properties of $Ru_2(O_2CMe)_{4-n}$ (formamidinate)$_n$Cl complexes, n=1-4*
Angaridis, P.; Cotton, F. A.; Murillo, C. A.; Villagran, D.; Wang, X. P.
Inorg. Chem. **2004**, *43*, 8290-8300.

B10. *A paramagnetic precursor for polymeric supramolecular assemblies based on multiply bonded dimetal units: μ-acetato-acetonitriletris(μ-N,N '-diphenylformamidinato)-diruthenium tetrafluoroborate dichloromethane hemisolvate*
Angaridis, P.; Cotton, F. A.; Murillo, C. A.; Wang, X. P.
Acta Crystal. **2005**, *C61,* m71-m73.

B11. *Tetra-μ-acetato-κ O^8 : O '-bis[(N^1,N^2-di-p-anisylformamidine-κ N^2)ruthenium(II)]-(Ru-Ru): an example of an axial bisadduct of $\{Ru_2\}^{4+}$ tetracarboxylate with N-donor ligands*
Angaridis, P.; Cotton, F. A.; Murillo, C. A.; Wang, X. P.
Acta Crystal. **2005**, *C61*, m109-m111.

B12. *Structural and magnetic evidence concerning spin crossover in formamidinate compounds with Ru_2^{5+} cores*
Angaridis, P.; Cotton, F. A.; Murillo, C. A.; Villagran, D.; Wang, X. P.
J. Am. Chem. Soc. **2005**, *127*, 5008-5009.

B13. *Multinuclear Fe(III) complexes with polydentate ligands of the family of dicarboxyimidazoles: Nuclearity- and topology-controlled syntheses and magneto-structural correlations*
Angaridis, P.; Kampf, J. W.; Pecoraro, V. L.
Inorg. Chem. **2005**, *44*, 3626-3635.

B14. *Enhancement of power conversion efficiency of dye-sensitized solar cells by co-sensitization of zinc-porphyrin and thiocyanate-free ruthenium(II)-terpyridine dyes and graphene modified TiO_2 photoanode*
Sharma, G. D.; Daphnomili, D.; Gupta, K. S. V.; Gayathri, T.; Singh, S. P.; Angaridis, P. A.; Kitsopoulos, T. N.; Tasis, D.; Coutsolelos, A. G.
RSC Adv. **2013**, *3*, 22412-22420.

B15. *Effect of thiourea incorporation in the electrolyte on the photovoltaic performance of the DSSC sensitized with pyridyl functionalized porphyrin*
Sharma, G. D.; Daphnomili, D.; Angaridis, P. A.; Biswas, S.; Coutsolelos, A. G.
Electrochim. Acta **2013**, *102*, 459-465.

B16. *Efficient Sensitization of Dye-Sensitized Solar Cells by Novel Triazine-Bridged Porphyrin-Porphyrin Dyads*
Zervaki, G. E.; Roy, M. S.; Panda, M. K.; Angaridis, P. A.; Chrissos, E.; Sharma, G. D.; Coutsolelos, A. G.
Inorg. Chem. **2013**, *52*, 9813-9825.

B17. *A Propeller-Shaped, Triazine-Linked Porphyrin Triad as Efficient Sensitizer for Dye-Sensitized Solar Cells*
Zervaki, G. E.; Papastamatakis, E.; Angaridis, P. A.; Nikolaou, V.; Singh, M.; Kurchania, R.; Kitsopoulos, T. N.; Sharma, G. D.; Coutsolelos, A. G.
Eur. J. Inorg. Chem. **2014**, *6*, 1020-1033.

B18. *A New Approach for the Photosynthetic Antenna-Reaction Center Complex with a Model Organized Around an s-Triazine Linker*
Kuhri, S.; Charalambidis, G.; Angaridis, P. A.; Lazarides, T.; Pagona, G.; Tagmatarchis, N.; Coutsolelos, A. G.; Guldi, D. M.
Chem. Eur. J. **2014**, *20*, 2049-2057.

B19. *Triazine-Bridged Porphyrin Triad as Electron Donor for Solution-Processed Bulk Hetero-Junction Organic Solar Cells*
Sharma, G. D.; Zervaki, G. E.; Angaridis, P. A.; Kitsopoulos, T. N.; Coutsolelos, A. G.
J. Phys. Chem. C **2014**, *118*, 5968-5977.

B20. *Stepwise co-sensitization as a useful tool for enhancement of power conversion efficiency of dye-sensitized solar cells: The case of an unsymmetrical porphyrin dyad and a metal-free organic dye*
Sharma, G. D.; Zervaki, G. E.; Angaridis, P. A.; Vatikioti, A.; Gupta, K. S. V.; Gayathri, T.; Nagarjuna, P.; Singh, S. P.; Chandrasekharam, M.; Banthiya, A.*Org. Electron*. **2014**, 15, 1324-1337.

B21. *Functionalized porphyrin derivatives for solar energy conversion*
Angaridis, P. A.; Lazarides, T.; Coutsolelos, A. C.
Polyhedron **2014**, *82*, 19-32.

B22. *Dye-sensitized solar cells based on triazine-linked porphyrin dyads containing one or two carboxylic acid anchoring groups*
Zervaki, G. E.; Angaridis, P.A.; Koukaras, E. N.; Sharma, G. D.; Coutsolelos, A. G.
Inorg. Chem. Front. **2014**, *1*, 256-270 .

B23. *Diruthenium formamidinato complexes*
Angaridis, P. A.; Cotton, F. A.; Murillo, C. A.
Inorg. Synth. **2014**, *36*, 114-121.

B24. *New solution processed bulk-heterojunction organic solar cells based on a triazine-bridged porphyrin dyad as electron donor*
Sharma, G. D.; Zervaki, G. E.; Angaridis, P.; Coutsolelos, A. G.
RSC Adv. **2014**, 4, 50819-50827.

B25. *"Spider"-shaped porphyrins with conjugated pyridyl anchoring groups as efficient sensitizers for dye-sensitized solar cells*
Stangel, C.; Bagaki, A.; Angaridis, P.; Charalambidis, G.; Sharma, G. D.; Coutsolelos, A. G.
Inorg. Chem. **2014**, 53, 11871-11881.

B26. *A new approach for the photosynthetic antenna-reaction center complex with a model organized around an s-triazine linker*
Kuhri, S.; Charalambidis, G.; Angaridis, P. A.; Lazarides, T.; Pagona, G.; Tagmatarchis, N.; Coutsolelos, A.G.; Guldi, D.M
Chem. Eur. J. **2014**, 20, 2049-2057.

B27. *Donor-π-acceptor, triazine-linked porphyrin dyads as sensitizers for dye-sensitized solar cells*
Sharma, G. D.; Zervaki, G. E.; Ladomenou, K.; Koukaras, E. N.; Angaridis, P. A.; Coutsolelos, A. G.
J. Porphyr. Phthalocyanines **2015**, 19, 175-191.

B28. *"Click-chemistry" approach for the synthesis of porphyrin dyads as sensitizers for dye-sensitized solar cells*
Nikolaou, V.; Angaridis, P. A.; Charalambidis, G.; Sharma, G. D.; Coutsolelos, A. G.
Dalton Trans. **2015**, 44, 1734-1747.

B29. *Efficient co-sensitization of dye-sensitized solar cells by novel porphyrin/triazine dye and tertiary aryl-amine organic dye*
Sharma, G. D.; Angaridis, P. A.; Pipou, S.; Zervaki, G. E.; Nikolaou, V.; Misra, R.; Coutsolelos, A. G.
Org. Electron. **2015**, 25, 295-307.

B30. *Cunning metal core: Efficiency/stability dilemma in metallated porphyrin based light-emitting electrochemical cells*

Weber, K. T.; Karikis, K.; Weber, M. D.; Coto, P. B.; Charisiadis, A.; Charitaki, D.; Charalambidis, G.; Angaridis, P.; Coutsolelos, A. G.; Costa, R. D.
Dalton Trans. **2016**, 45, 13284-13288.

B31. *Benefits of using BODIPY-porphyrin dyads for developing deep-red lighting sources*
Weber, M.D.; Nikolaou, V.; Wittmann, J. E.; Nikolaou, A.; Angaridis, P. A.; Charalambidis, G.; Stangel, C.; Kahnt, A.; Coutsolelos, A. G.; Costa, R. D.
Chem. Commun. **2016**, 52, 1602-1605.

B32. *Pyridyl vs. bipyridyl anchoring groups of porphyrin sensitizers for dye sensitized solar cells*
Angaridis, P. A.; Ferentinos, E.; Charalambidis, G.; Ladomenou, K.; Nikolaou, V.; Biswas, S.; Sharma, G. D.; Coutsolelos, A. G.
RSC Adv. **2016**, 6, 22187-22203.

B33. *Aquabis(2,200-bipyridine-j2N,N00)chloridonickel(II) chloride chloroform monosolvate hemihydrates*
Vasileiadou, E.; Angaridis, P. A.; Raptis, R. G.; Mathivathanan, L.
IUCrData **2016**, 1, 161834.

B34. *Luminescent thione/phosphane mixed-ligand copper(I) complexes: The effect of thione on structural properties*
Koutsari, A.; Karasmani, F.; Kapetanaki, E.; Zainuddin, D. I.; Hatzidimitriou, A. G.; Angaridis, P.; Aslanidis, P.
Inorg. Chim. Acta **2017**, 458, 138-145.

C. Chapters in books

C1. *Ruthenium Compounds (Chapter 9)*
Angaridis, P.
Multiple Bonds between Metal Atoms Cotton, F. A.; Murillo, C. A.; Walton, R. A., Eds., Springer-Science and Business Media, Inc.; New York **2005**, **ISBN** 0-387-22605-2 (Hardbound)

6. TEACHING ACTIVITY

A. Courses taught

i. Department of Chemistry, A.U.Th.

Undergraduate Curriculum Courses	***General and Inorganic Chemistry I*** (lecture and lab) for 1st semester students of Department of Chemistry ***Inorganic Chemistry II*** (lecture and lab) for 2nd semester students of Department of Chemistry ***Inorganic Reaction Mechanisms and Nanochemistry*** (lecture) 7th semester students of Department of Chemistry ***Chemistry*** (lecture) for 1st semester students of Department of Physics ***General Chemistrty*** (lecture and lab) for 1st semester students of Department of Foresty and Natural Environment
Graduate Curriculum Courses	***Organometallic Chemistry*** for graduate students of Department of Chemistry ***Synthesis and Applications of Inorganic Compounds with Technological Interest*** for graduate students of Department of Chemistry

ii. prior to current position

- Department of Oenology and Beverage Technology, Kavala Institute of Technology, Drama, Greece

09/2009 – 02/2012 ***General and Inorganic Chemistry*** (lecture and lab) for 1st semester students
Quantitative Chemical Analysis (lecture and lab) for 2nd semester students
Physical Chemistry (lecture and lab) for 2nd semester students

- Department of Primary Level Education, Democritus University of Thrace, Alexandroupoli, Greece

03/2010 – 07/2010 ***Chemistry Experiments*** (lecture and lab) for 6th semester students

- Department of Sciences, Kavala Institute of Technology, Kavala, Greece

09/2006 – 06/2007 ***Analytical Chemistry Laboratory*** for 3rd semester students of Department of Petroleum and Natural Gas Technology
Electrochemistry Laboratory for 1st semester students of Department of Electrical Engineering

- Texas A&M University, College Station, Texas, U.S.A.

09/1999 – 01/2002 ***General Chemistry Laboratory*** for 1st semester Science-Major students

- Department of Chemistry, University of Crete, Heraklio, Greece

11/1995 – 06/1996 ***Inorganic Chemistry Laboratory*** for 7th semester students of Department of Chemistry
Analytical Chemistry Laboratory for 6th semester students of Department of Chemistry