

ABOUR H. CHERIF

RESUME - CURRICULUM VITA

EDUCATION

Ph.D. (major: ecology education - curriculum and instruction), 1989, Simon Fraser University, Burnaby, British Columbia, Canada

Master of Science (major: teaching of biology), 1982, Portland State University, Portland, Oregon, USA

UNESCO-sponsored symposium for teaching biology, 1977, Yarmok University, Jordan

Bachelor of Science (major: biology), 1976, Tripoli University, Tripoli, Libya

PROFESSIONAL EXPERIENCE

DEVRY UNIVERSITY SYSTEM, CHICAGO, ILLINOIS, 2003 - present.

National Associate Dean, Program Development in Science, Math, and Clinical Laboratory Sciences (2008-present); National Associate Dean of Curriculum & Instruction for Math and Science (2007-08); National Director of Curriculum & Instruction for Math and Science (2006-07); Director of Curriculum and Instruction for Math and Science and Director of Academic Leader Development (2005-06); Director of Faculty Development and Associate Director of Science Curriculum (2004-05); Director of Faculty Development (2003-04). *Responsibilities and Achievements:* Directed the accreditation and re-accreditation of the Clinical Laboratory Science; Directed the development and the implementation of the science courses (biology, chemistry, and clinical Lab science courses) for Clinical Laboratory Science Baccalaureate program; Directed the development and the implementation of the Biology courses for the Baccalaureate and Associate programs in Nursing; Directed the development and the implementation of many new science courses (biology, chemistry, nutrition and health, physics, environmental science, integrated science, and astronomy) and math courses for various Baccalaureate and Associate programs; Directed the evaluation and the re-development and implementation of many already existed Science and math courses for various Baccalaureate and Associate programs; Directed the evaluation of and the re-development and implementation of developmental mathematics courses; Directed the integration of technology and the use of MyMathLab in the developmental mathematics courses; Directed the development and the implementation of the math faculty and coordinators training program for teaching and managing MyMathLab Courses; Co-directed the development and the implementation of the hybrid learning system (onsite-online); Directed the development and the implementation of the faculty and coordinators training program for the hybrid learning system (onsite-online); Managed the development of the agenda for Deans of Academic Affairs Annual meetings for 4 years; Managed the development of agenda for the New Academic Deans Annual meetings for 4 years; Co-managed the development of the agenda for the New Center Deans of Keller Graduate School of Management of DeVry University for 2 years; Managed DeVry University 2004 Academic Colloquium Series for 2-years; Directed the development of the Web (online) component of the science hybrid courses; Directed the development of the Interactive Essential physics course for nursing; Directed and participated in the development of the iLabs (online labs) for environmental science course; Co-director the development of the first year college experience program (university college); Co-developed and conducted Recruiting and Admission Training Activity for Computer Information Science (CIS) and NSA Deans Meetings; Co-designed WebEx Faculty Training Workshop for using Master Learning and MyMathLab technology in teaching developmental mathematics; Co-developed and managed high school outreach through mathematics initiative; Participating in the preparing campuses to offer Biomedical Engineering program, Health Information Technology program, and BIOS courses for Nursing programs (courses, labs, etc.); Participating in the preparing Graduate Centers to offer BIOS and math courses for Nursing students; Participating in the designed of the lab-classroom and the wet-science labs at various campuses to be able to teach Chemistry and BIOS science courses; Designed and Directed the Development of Web-learning Activities for biology and chemistry courses in various programs.

COLUMBIA COLLEGE CHICAGO, CHICAGO, ILLINOIS, 1990-2003.

Director of Biology Courses (1993-2003); Director of Science Method Courses in MAT Program of Teaching Science (1996-2003); Director of the Development of MAT program in Teaching Science (1990-91); Professor of Biology and Science Education (1990-2003). *Responsibilities and Achievements: Developed MAT Program of Teaching Science; Developed Science Method Courses in MAT Program of Teaching Science; Developed biology, environmental science, science technology and society, and integrated science course for art, media and communication students; Founded and managed Forward to Excellence In Teaching and Learning Science & Mathematics Newsletter; Supervised Master Degree Thesis of graduate students at MAT program in teaching Science; Co-developed criteria for assessing Students Creative Class Final Project in science and math courses; Developed and managed off-site campus classes and field-trips for Science, Technology and Society classes; Created a platform in where Students' Science Fair winners from various school districts can present their science fair projects to college students before presenting in State-wide science fair competition; Assisting both part-time and full-time faculty and colleagues in solving teaching problems and overcome roadblocks by helping design teaching activities and teaching strategies to meet specific goals in the teaching of their science courses; Coordinated and managed the biology courses in the Department of Science & Mathematics of a number of years; Supervised graduate students and acted as a thesis advisor and or reader for a number of graduate students both in Columbia and outside Columbia College Reading Students' Graduate Thesis; Supervised and acting as a faculty supervisor for a number of independent projects at both the Department of Science & Mathematics, and the Department of Educational Studies.*

SIMON FRASER UNIVERSITY, BURNABY, BRITISH COLUMBIA, CANADA, 1984-1990.

Instructor in Science Education, Methods of Teaching, and Environmental Education.

SEBHA UNIVERSITY, SEBHA, LIBYA, 1977-78.

Instructor in Biology, developed biology laboratory courses for undergraduate level.

SEBHA HIGHER TEACHER DEVELOPMENT INSTITUTE, SEBHA, LIBYA.

Instructor in General Biology, Plant Biology, Ecology and Environmental Science.

Examples of Awards:

- Co-creator of a professional development webinar program for faculty and staff pursuing doctorates which received an American Association of University Administrators Exemplary Model Program Award, 2015.
- American Society for Clinical Pathology (ASCP) Certification of Completion of NAACLS Workshop on An Examination of the New Standards and Improved Accreditation/Approval Processes, 2014.
- The AAUA Outstanding Service Award, 2010.
- *System-Supported Mastery Learning (SSML) Coordinator/Administrator Team Award.* From DeVry University /Pearson Education, March 2006.
- DeVry University Accomplishment Award iOptimize Initiative, 2003.
- The Illinois Science Teacher Association Outstanding Pre-service Educator Award, 2010.
- The International Institute For Human Factor Development Society Outstanding Achievement Award, presented by IIHFD, 1998
- The International Institute For Human Factor Development Society Leadership Conference Award, presented by IIHFD, 1998.
- The Aristotle Academy Teaching Award, presented by Aristotle Academy Foundation, 1994.
- Columbia College Faculty Development Award, 1994.
- The Aristotle Academy Team Work Award, presented by Aristotle Academy Foundation, 1992.
- Project Wild Workshop Certificate Achievement, 1997.
- Environmental Issues Forums Trainers Award by EIF and NAAEE, 1996.

MAILING ADDRESS: 728 WEST JACKSON BOULEVARD, UNIT #407 • CHICAGO, ILLINOIS 60661-5304
E-MAIL ADDRESS: ABOURCHERIF@ATT.NET • CELL: 847-220-0895 • ABOURCHERIF.COM

- Columbia College Outstanding Contribution in Faculty Advising, Undeclared Majors Committee Appreciation Award, 1993.
- Columbia College Outstanding Contribution in Institutional Policy Council Appreciation Award, 1993.
- Columbia College Outstanding Contribution in Teaching and Learning Committee Appreciation Award, 1993.
- Columbia College Faculty Development Award, 1994.
- Outstanding Service Award, from The Dean of Students, Columbia College Chicago.

RESEARCH AND SCHOLARSHIP

Books, Textbooks, and Reports:

Nutrition, Health, and Wellness An Applied Approach. (3th) Edited by Cherif, A., Bruder, M., Jedlicka, D., and Aron, R. (2016). Pearson Education, Custom Publishing, ISBN: 978-0-1340-11271; In press for March 2016

Pathophysiology/Pharmacology: An Integrated Approach. (Combined and Organized) by Cherif, A., Russell, N., Hertel, P., Bruder, M., Horn, K., and Stefurak, L. (2015). Pearson Education, Custom Publishing, ISBN: 978-1-323-08208-9

Microbiology and Chemistry: An Integrated Approach. (2nd). Edited by Cherif, A. H., Tracey, C., Michel, L., Jedlicka, D., Movahedzadeh, F., Asadi, F. (2012). Pearson Education: Benjamin Cummings and Custom Publishing, ISBN: 978-1-256-88745-4

Nutrition, Health, and Wellness An Applied Approach. (2nd) Edited by Cherif, A., Jedlicka, D., Verma, S., Aron, R. and Hanna (Editors) (2010). Pearson Education: Benjamin Cummings and Custom Publishing, ISBN: 978-0-558865955

Foundations of Modern Biology and Chemistry. Edited by Cherif, A. H., Aron, R., Michel, L. O., Jenkins, S., Movahedzadeh, F., Suida, J., Jedlicka, D. Mayoral, J. (2008). Pearson Education: Benjamin Cummings and Custom Publishing, ISBN: 0-536-54365-8

Organic Chemistry for Liberal Arts and Communication. Edited by Cannon, C., Jenkins, S., Budy, B., Siuda, J., and Cherif, A. (2007). Pearson Education - Custom Publishing, ISBN: 0-536-42884-0

Microbiology and Chemistry: An Integrated Approach. Edited by Asadi, F., Cherif, A. H., Jenkins, S., Michel, L. O., Movahedzadeh, F., Aron, R. (2006). Pearson Education: Benjamin Cummings and Custom Publishing, ISBN - 0-536-17019-3

Foundations of Managerial Mathematics. (Custom Edition). Compiled by McManamon, J., Housley, E., Wemmerus, V., Shortle, D., and Cherif, A. (2010). Pearson Education, ISBN: 978-0-558-86748-5

Review of Essential of Mathematics. Dorfman, S., Hanna, B., Mayers, P. and Cherif, A. (2006). Addison Wesley— Pearson Custom Publishing, ISBN: 0-536-29188-8

Foundations of Mathematics. Dorfman, S., Hanna, B., Mayers, P. and Cherif, A. (2006). Addison Wesley - Pearson Custom Publishing, ISBN: 0-536-99017-4

Math Concepts and Applications. Dorfman, S., Hanna, B., Mayers, P. and Cherif, A. (2007). Addison Wesley - Pearson Custom Publishing, ISBN: 9780536485618

Modern Anatomy and Physiology. Edited by Al-Arabi, A., Cherif, A., Jedlicka, D., and Aaron, R. (2006). Pearson Education: Benjamin Cummings and Custom Publishing, ISBN: 0-536-16896-2

Nutrition, Health, and Wellness An Applied Approach. Edited by Cherif, A., Jedlicka, D., Verma, S., and Aron, R. (Editors) (2005). Pearson Education: Benjamin Cummings and Custom Publishing, ISBN: 0-536-10337-2

A Comprehensive Critique of the UNESCO Environmental Education Pre-service and In-service Teacher Training Modules: A report for The Commonwealth of Learning. By Staniforth, S. and Cherif, A. (1990). Vancouver, B.C. Canada

Student Laboratory Manuals and Virtual Labs:

Laboratory Manual for Fundamentals of Microbiology. Verma, Sandhya, Horn, Kris, and Cherif, Abour (2014). New York: Pearson Learning Solutions, ISBN-13: 978-1-269-05813-1

Laboratory Manual for Fundamentals of Chemistry with Lab. Shah, M., Morain, C., Kornef, D., and Cherif, A. (2012). Boston, MA: Pearson Learning Solutions, ISBN-13: 978-1-256-68576-0

Introduction to Microbiology: Laboratory Manual. Verma, Sandhya, Horn, Kris, and Cherif, Abour (2011). New York: Pearson Learning Solutions, ISBN-13: 9780558284305

Student Laboratory Manual for Fundamentals of Microbiology. Edited by Cherif, A. H., Dias, C., Hill, A., Marthakis, N., Michel, L. O., Jedlicka, D., Aron, C., (2009) Pearson Education: Benjamin Cummings and Custom Publishing, ISBN-13: 978-0-558-28430-5

Student Laboratory Manual for Foundations of Modern Biology and Chemistry. Edited by Cherif, A. H., Michel, L. O., Jedlicka, D., Jenkins, S. and Movahedzadeh, F., (2009) Pearson Education: Benjamin Cummings and Custom Publishing, ISBN-13: 9780558065003

Student Laboratory Manuals for Nutrition, Health, and Wellness An Applied Approach. Edited Jedlicka, by Cherif, A., and Aron, R. Pearson Education - Custom Publishing, ISBN-13: 9780558128951

CHEM-225 Fundamentals of Organic Chemistry: Student Laboratory Manual. Combined and Edited by R.E. Rivera-Hainaj, J. Wooll, A. Cherif, and R. Aron. (2008). Pearson Custom Publishing / Prentice Hall, ISBN-13: 97805580-9761-5

CHEM-130 and CHEM140: General Chemistry I & II Student Laboratory Manual. Combined and Edited by J. Wooll, A. Cherif, and R. Aron. (2008) Pearson Custom Publishing. Boston, MA 2008, ISBN-13-97805580-2514-4

BIOS 245 Introduction to Cellular Biology: Student Laboratory Manual. Combined and Edited by J. Wooll, K. Horn, M. Shah, A. Cherif, and R. Aron. (2008). Pearson Custom Publishing, ISBN-13: 9780558026783

Environmental Science Virtual Labs. By Cherif, A., Dunning, J. and Jedlicka, D. (2008). Pearson Education - Custom Publishing

Student Laboratory Manuals for Organic Chemistry for Liberal Arts and Communication. Edited by Cannon, C., Jenkins, S., Budy, B., Siuda, J., and Cherif, A. (2007). Pearson Education - Custom Publishing, ISBN: 10-0-5364-1049-6

Biology the Living World Student Laboratory Manual (2nd). Gerstner, C., and Cherif, A. (2006). Pearson Education, ISBN: 0536222347

Biology the Living World Around Us: Student Laboratory Manual. By Gerstner, C., & Cherif, A., (2005). Pearson Education Custom Publishing. First Edition (ISBN:0536118868)

Environmental Science Student Laboratory Manual. By Gerstner, C., Cherif, A., Adams, G., and Cannon, C. (2004). Pearson Education Custom Publishing, ISBN 0-536-75406-3

Student Laboratory Manual for Biology the Living World Around Us. By Cherif, Abour (2001). Pearson Education Custom Publishing, ISBN 0-536-62219-1

Student Study Guides:

Student study Guide for Foundations of Modern Biology and Chemistry. Edited by Cherif, A. H., Aron, R., Jedlicka, D., Michel, L., and Movahedzadeh, F. (2009). Pearson Education: Benjamin Cummings and Custom Publishing

Student study Guide for Nutrition, Health, and Wellness An Applied Approach. Edited by Cherif, A., Jedlicka, and Aron, R. (2008). Pearson Education - Custom Publishing

Student Study Guide For Modern Anatomy and Physiology. Edited by Cherif, Abour. (2008). Pearson Education: Benjamin Cummings and Custom Publishing, ISBN - 0-536-53201-X

Student study Guide For Microbiology and Chemistry: An Integrated Approach. Edited by Cherif, A. H., Michel, L. O., Movahedzadeh, F., Aron, R. Jedlicka, D. (2008). Pearson Education: Benjamin Cummings and Custom Publishing, ISBN: 0-536-53994-4

Published Science Lab Kits:

Chemical Reaction In Living Matter © NEOSCI Publishing Corporation

Food Chemistry & Nutrition Lab Investigation: Understanding The Chemical Basis of Food Content, ©NEOSCI Publishing Corporation

Milk Madness Lab Investigation: The Thrill of Discovery Through Active Student Participation, ©NEOSCI Publishing Corporation

Chemical Reactions Lab Investigation: Conduct an Interdisciplinary Exploration of Chemical Reactions, ©NEOSCI Publishing Corporation

Understanding pH Lab Investigation: An Inquiry-based Approach to Understanding Acidity and Alkalinity, ©NEOSCI Publishing Corporation

Understanding Acids, Bases & Salts Lab Investigation, ©NEOSCI Publishing Corporation

Learning Activities With Everyday Oils: An Integrated, Hands-on Science Curriculum, ©NEOSCI Publishing Corporation

Soda Pop Science: Exploring Science in Carbonated Soft Drinks, ©NEOSCI Publishing Corporation

Instructor Teaching Resource CDs and/or Interactive Web-Resources:

PowerPoint Lecture Slide Presentation To Accompany Foundations of Modern Biology and Chemistry. Edited by Cherif, A. H., Michel, L. O., Movahedzadeh, F., J., Jedlicka, D. (2009). Pearson Education: Benjamin Cummings and Custom Publishing

PowerPoint Lecture Slide Presentation To Accompany Modern Anatomy and Physiology. Edited by Michel, L., A., Jedlicka, D., Cherif, A., and Aaron, R. (2007). Pearson Education: Benjamin Cummings and Custom Publishing

PowerPoint Lecture Slide Presentation To Accompany Nutrition, Health, and Wellness An Applied Approach. Edited by Jedlicka, D., Cherif, A., and Michel, L. (2007). Pearson Education: Benjamin Cummings and Custom Publishing

PowerPoint Lecture Slide Presentation To Accompany, Microbiology and Chemistry: An Integrated Approach. Edited by Michel L. O., and Cherif, A. H., Reviewed by Movahedzadeh, F., Asadi, F., Aron. R. (2007) Pearson Education: Benjamin Cummings and Custom Publishing

PowerPoint Review Questions To Accompany the Test, Part 1: Review questions for Microbiology and Chemistry. Prepared by Movahedzadeh, F., Michel, L. O., and Asadi, F., Reviewed by Cherif, A. H., Aron, R., Jedlicka, D. (2008) Pearson Education: Benjamin Cummings and Custom Publishing

PowerPoint Review Questions To Accompany the Test, Part 2: Infectious Disease Review. Prepared by Movahedzadeh, F., Michel, L. O., and Asadi, F., Reviewed by Cherif, A. H., (2008) Pearson Education: Benjamin Cummings and Custom Publishing

Dr. Ross and the Scientific Method of Inquiry: Interactive Learning Activity. By Cherif, A., Dunning, J., and Michel, L. (2007). Pearson Education - Custom Publishing

Test Banks:

Test Bank To Accompany Foundations of Modern Biology and Chemistry. Combined and Edited by Cherif, A. (2009). Pearson Education: Benjamin Cummings and Custom Publishing

Test Bank To Accompany Nutrition, Health, and Wellness An Applied Approach. Combined and Edited by Cherif, A., and Jedlicka, D. (2009). Pearson Education: Benjamin Cummings and Custom Publishing

Published Articles:

Cherif, A., Adams, G., Jeremy, D. (2015). What If Fossils Are Discovered on Planet Mars? Part I: A Learning Activity for Promoting Critical Thinking and STEM Education. *Pinnacle Educational Research & Development*, Vol. 3(4), 625-636. http://www.pjpub.org/perd/perd_189.pdf

Cherif, A., Adams, G., Movahedzadeh, F., Martyn, M. (2015). Do college students give a flip about flipped learning? *Journal of Higher Education Management*, Vol. 30, No. 1: 191-215.

Cherif, A., Adams, G., Movahedzadeh, F. (2015). What If Fossils Are Discovered on Planet Mars? Part II: Collection of Related Learning Activities for Promoting Active Learning. *Pinnacle Educational Research & Development*, Vol. 3 (4), 2015, Article ID perd_190, 637-648. http://www.pjpub.org/perd/perd_190.pdf

Cherif, A., Siuda, J., Roze, M., Movahedzadeh, F., Gialamas, S. (2015). Enhancing Student Understanding Through Analogies in Teaching Science Concepts: Teacher and Faculty Perspectives. *Pinnacle Educational Research & Development*, ISSN: 2360-9494, Vol. 3 (3), 2015, Article ID perd_185, 579-588. http://www.pjpub.org/perd/perd_185.pdf

Cherif, A., Adams, G., Movahedzadeh, F., Martyn, M., Dunning, J. (2015). Why Do Students Fail? Academic leaders' Perspective. In *A collection of papers 2015 HLC Annual Conference*. Chicago: The Higher Learning Commission. <http://cop.hlcommission.org/Teaching-and-Learning/cherif15.html>

Cherif, A., Adams, G., Donoghue, K., Dunning, J., Overbye, D., Hoffman, M. (2014). The Rare Earth Elements (Lanthanides) and Their Significant Roles in Society: Role-playing Learning Activity for STEM Education. *Pinnacle Educational Research & Development*. ISSN: 2360-9494, Vol. 2 (6), 2014, Article ID perd_150, 348-358.

Gialamas, S., Pelonis, P., Cherif, A. (2013). Creating an institutional culture that fosters innovation in education. *Journal of Higher Education Management*, 28 (1): pp. 70-80.

Cherif, A., Siuda, J., Movahedzadeh, F., Martyn, M., Cannon, C., Ayesh, S. (2014). College Students' Use of YouTube Videos In Learning Biology and Chemistry Concepts. *Pinnacle Educational Research & Development*. ISSN: 2360-9494, Vol. 2 (6), 2014, Article ID perd_149, 334-347, 2014.

- Phillips, W., Sullivan, W., Aron, R., Cherif, A. Fortun, S., (2014). Renewable energy specialization in an electronics engineering technology curriculum. *2014 ASEE Annual Conference*. Indianapolis, IN, USA. June 15-18, 2014; Paper ID #9186. American Society for Engineering Education, 2014.
<http://www.asee.org/public/conferences/32/papers/9186/view>
- Kennedy, C., Phillips, W., Majumder, A., Cherif, A., Aron, R. (2014). Ten-Year Evolution of an Accredited, Multisite Bachelor's in Biomedical Engineering Technology (BBET) Program. *Proceedings of the 2014 IAJC/ISAM Joint International Conference*. ISBN 978-1-60643-379-9.
- Cherif, A., Adams, G., Movahedzadeh, F., Martyn, M., Dunning, J. (2014). Why Do Students Fail? Faculty's Perspective. In *A collection of papers 2014 HLC Annual Conference*. Chicago: The Higher Learning Commission.
<http://cop.hlcommission.org/cherif.html>
- Cherif, Abour, Roze, Maris, Bruder, Matthew (2013). Designing healthy meals to counter nutrition-related diseases: A learning Activity. *Science Education and Civic Engagement*, 5 (2); 14-24.
- Cherif, Abour H., et al. (2013). Why Do Students Fail? Students Perspectives. In Chapter I: Creating and Supporting Learning Environment. A Collection of Papers on Self-Study and Institutional Improvements. 29th Edition, 2013 *The Higher Learning Commission*, pp35-31.
<http://abourcherif.com/pdfs/Why%20Do%20Students%20Fail%20Final%20April%2008%202013%20doc.pdf>; <http://abourcherif.com/articles.html>
- Cherif, A. H., & Roze, M. (2013). The Missing Components in Teaching Science. *The American Biology Teacher*, 75(3), 153-154.
- Cherif, A. H., Siuda, J. E., Movahedzadeh, F. (2013). Developing Nontraditional Biology Labs to Challenge Students & Enhance Learning. *The American Biology Teacher*, 75(1), 14-17.
- Cherif, Abour & Jedlicka, Dianne (2012). Exploring an alternate model of human reproductive capability: A creative learning activity. *The American Biology Teacher* (Nov/Dec 2012)
- Cherif, A. H., Jedlicka, D. M., Colyer, T. E., Movahedzadeh, F., Phillips, W. B. (2012). Redesigning Human Body Systems: Effective Pedagogical Strategy for Promoting Active Learning and STEM Education. *Education Research International*, 2012, Volume 2012, Article ID 570404, 17 pages. doi:10.1155/2012/570404.
- Cherif, A., Michel, L., Movahedzadeh, F., Marthakis, N. (2012). How well do you know your closest bacterial Neighbors? Promoting active learning and Civic engagement in biology classes. *Science Education and Civic Engagement*, November 2012.
- Cherif, Abour H. (2012). Scientific discoveries the year I was born. *The Science Teacher*, October, 2012, pp. 32-35.
- Cherif, A. H. (2012). Example of Scientific Discoveries: Look What Happened the Year I Was Born!. <http://www.abourcherif.com/pdfs/2012%20Look%20What%20Happened%20The%20Year%20I%20Was%20Born.pdf>,
- Cherif, Abour H. (2012). Promoting understanding through peer teaching in small group settings. *Washington Science Teacher Journal*, vol. 53, No. 1, pp 24-31.
- Cherif, A., Overbye, D., Garr, M.P. (2011). Action research as a mechanism for Institutional Improvement. *Higher Learning Commission, A Collection of Papers on Self-Study and Institutional Improvement 2011*, Chicago Illinois, pp 201-211.
- Cherif, A., Movahedzadeh, F., Michel, L., Hill, A., Jedlicka, D. (2011). Environmental release of genetically engineered mosquitoes: Is it safe? A role playing activity for STEM education. *Science Education and Civic Engagement*, 3:1 winter 2011, pp 15-25.

- Cherif, H. A. (2011). How well do you know your students? *The American Biology Teacher*, 73(1): 6-7.
- Cherif, A., Adams, G., Morabito, D., Aron, R., Dunning, J., Gialamas, S. (2010). A Martian Invasion of Teachable Moments for Environmental Science and Related Issues. *Science Education Review Journal*, 9 (1):2 8-43.
- Cherif, A., Jedlikca, D., Al-Arabi, A., Aron, R., and Verma, S. (2010). Effective Understanding of the Human Body Organs: A Role Playing Activity for Deep Learning. *The American Biology Teacher Journal*, 72 (7):447-450.
- Cherif, A., Ofori-Amoah, B., Stefurak, L., Roze, M., Murkar, K., Hanna, B. Gialamas, S. (2010). Strengthening the Academic Department through Empowerment of Faculty and Staff. *Academic Leadership Online Journal*, Volume 8 - Issue 2, (Apr 16, 2010 - 2:10:34 PM).
http://www.academicleadership.org/authors/About_Cherif.shtml,
<http://www.academicleadership.org/index.shtml>
- Cherif, A., Michel, L., Movahedzadeh, F., Siuda, J., Adams, G., Aron, R. (2010). Reinforcing the Importance of Hypotheses in the Scientific Method of Inquiry: A Learning Activity Using the 2006 Spinach Contamination Event. *Washington Science Teachers' Journal*, Vol. 51, No. 1, pp. 34-40.
<http://washsta.com/download/wstamembers.htm>
- Siuda, J., Cherif, A., Adams, G., Michel, L., Movahedzadeh, F., Aron, R. (2010). Inquiry Laboratory Investigation: Using Bacterial Contamination to Reinforce the Importance of Hypotheses in the Scientific Method of Inquiry. *Washington Science Teachers' Journal*, Vol. 51, No. 1, pp. 41-45.
<http://washsta.com/download/wstamembers.htm>
- Cherif, A., Overbye, D., Stefurak, L. (2009). Developing Paradigm for Academic Leadership Development. *The Journal of Higher Education Management*, 24 (1): 15-32.
- Gialamas, S., Pelonis, P., Overbye, D., Cherif, A., King, Dan. (2009). Preparing High School Students for College Success: A College and High School Leadership Collaboration. *The Journal of Higher Education Management*, 24 (1): 67-72.
- Cherif, A., Michel, L., Movahedzadeh, F., Aron, R., Adams, G. (2009). Defending the Lowly Prokaryotes: New Challenges for BIOGaia Learning Activity. *The American Biology Teacher*, 71 (6): 346-353.
- Mayers, P., Cherif, A., Dorfman, S. (2007). College-High School Partnerships in Implementing Large-Scale Innovation in Entry-Level Math Education. In *Collection of Papers on Self-Study and Institutional Improvement: Leading for Common Good*. The Higher Learning Commission, Volume 2, P. 90-93.
- Mayers, P., Cherif, A., Dorfman, S., Hanna, B., Harris, J., Kyriazopoulos, S. (2006). Achieving a Breakthrough in Student Success in Entry-Level Mathematics. In *Collection of Papers on Self-Study and Institutional Improvement: The Future-Focused Organization*. The Higher Learning Commission, Volume 3, P. 89-91.
- Michael Kolody, M., Cherif, A., Mayers, P. Ricordati, T. (2007). College-High School Partnerships in Improving Students Performance in Mathematics: The Austin Business Academy Experience: A Teacher's Perspective. Paper presented at the 2007 Annual Meeting of the Higher Learning Commission. Hyatt Regency Chicago - April 20-24, 2007.
- Cherif, A., Murkar, K., Overbye, D., Reeves, S., Stefurak, L. (2005). Planning For Success: A Role for Chairs in Recruiting. *The Department Chair*, 15(3): 15-17.
- Cherif, A. Hoel, S., Murkar, K., Stefurak, L. (2004). Planning For Success: Effective Annual Meeting of Dean of Academic Affairs. *The Department Chair*, 15(1): 24-26.
- Cherif, A., Gerstner, C., Adams, G. (2004). Water Purification Lab Investigation: Part One - Water Purification. *Spectrum Journal*, 30(1), pp. 39-42.

- Gialamas, S., Cherif, A., Hilentzaris, S., Maher, D. (2004). Faculty Performance Appraisal. *The Department Chair*, 14(3), Winter 2004.
- Stefurak, L., Cherif, A., & Murkar, K. (2004). DeVry University's iOptimize Integrated Learning System - Supporting the Best of Both Worlds. *THE Teaching In Higher Education Forum: E- Proceedings of Louisiana State University*. (<http://www.celt.lsu.edu/CFD/E-proceedings04/Murkar.pdf>)
- Gialamas, S., Cherif, A., Hilentzaris, S., Demetriades, E., Maher, D. (2003). *Preparing New Department Chairpersons in the Area of Faculty Leadership, a Practitioner's Approach*. *Academic Leadership Journal*, 10(3): pp. 27-31.
<http://www.abourcherif.com/pdfs/Preparing%20New%20Chairpersons%20in%20the%20Area%20of%20Faculty.pdf>
<http://285824013.blog.com.gr/faculty-leadership/preparing-new-department-chairpersons-in-the-area-of-faculty-leadership-a-practitioners-approach/>
- Gialamas, S., Cherif, A., Hilentzaris, S. (2003). *Creating an Environment for Minimizing Conflict Between Faculty and the Department Chairperson*. *The Department Chair*, 13(3). 21-23. Reprinted with permission by ACE Department Chair Online Resource Center (2004). http://www.abourcherif.com/pdfs/6Gialamas_MinimizingFMT.pdf
- Cherif, A., Gialamas, S. Adams, G. (2003). Pennies in The Classroom: Guided Inquiry Laboratories. *Spectrum Journal*, Volume 29, Number 1, pp. 35-42.
- Cherif, A., Adams, G., Barrow-Johnson, W. (2002). Revisiting *The Moon: An Interdisciplinary Learning Activity*. *Spectrum Journal*, 28 (1): 34-43.
- Gialamas, S., Cherif, A., Keller, S., Hansen, A. (2000). Using Guided Inquiry in Teaching Mathematical Concepts. *The Illinois Mathematics Teacher Journal*, Vol 51, No.1, pp. 30-40. Reprinted by *Humananistic Mathematics Network Journal # 25* (2004), pp. 23-30.
- Cherif, A. & S. Gialamas (2000). Student Creative Final Project: An Effective Educational Instrument For Maximizing Students' Learning In Science and Mathematics. *College Science Teaching Journal*, XXX (4):272-278.
- Cherif, A., S. Gialamas, B. Ofori-Amoah (2000). Can Human Factor be Taught in the Classroom. *Review of Human Factor Studies Journal*, 5(1&2):89-114.
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- Cherif, Abour H. (1999). Science, Scientists, and Society: Assuring Integrity In Scientific Endeavors Through Human Factor Development. *Review of Human Factor Studies*, 4(2):1-31.
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- Cherif, A. H. and Adams, G. A. (1993). The Essence of Teaching. Forward To Excellence In Teaching and Learning, 1(1): 5-7.
- Cherif, Abour H. (1993). Examining The Definitions of Science Through Critical Thinking. Forward To Excellence In Teaching and Learning, 1(3): 7-9.
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- Staniforth, S. and Cherif, A. (1986). Science Education and Society: Call for an holistic approach. *ESN - News: Elementary Science Network*, 1(4): 2-3.

SCHOLARLY AND PROFESSIONAL PRESENTATIONS

Critical Ethical Issues Facing American Higher Education, 10 Years Later: Practitioners Perspectives. A Research Study Presented at American Association of University Administrators, 2015 AAUA Leadership Seminar on June 12–13, 2015 • Clearwater, Florida.

Why Do Students Fail? Faculty’s Perspective. Presentation at the Illinois Community College Assessment Fair 2015 at Waubensee Community College – Sugar Grove, IL.

Do College Students Give a Flip About Flipped Learning? Presentation at the Illinois Community College Assessment Fair 2015 at Waubensee Community College – Sugar Grove, IL.

Inspiring and Motivating Students in Taking a Charge of Their Own Education? Presentation at the 2015 SENCER Summer Institute, Worcester Polytechnic Institute, Worcester, MA, July 30-August 3, 2015.

Do College Students Give a Flip About Flipped Learning? Presentation at American Association of University Administrators, 2014 AAUA Leadership Seminar, April 25 & 26, 2014 at AASCU Headquarters Building, Washington D.C.

How Often Do College Students Use You Tube Videos to Learn Biology and Chemistry Concepts? 18th Annual Assessment Fair for Illinois Community Colleges: Assessing the Student Experience at Moraine Valley Community College, Palos Hills, Ill. Friday, Feb. 21, 2014.

Why Do Students Fail? Student’s Perspective. 18th Annual Assessment Fair for Illinois Community Colleges: Assessing the Student Experience at Moraine Valley Community College, Palos Hills, Ill. Friday, Feb. 21, 2014.

Do College Students Give a Flip About Flipped Learning? Campus Technology (CT) Fall Forum 2014. Hyatt Regency, O’Hare - Chicago, Illinois, November 4-5, 2014.

Designing Healthy Meals to Counter Nutrition-Related Diseases: A Learning Activity.

SENCER Conference. Roosevelt University, Schaumburg campus, March 8th, 2014.

Why Do Students Fail? Faculty’s Perspective. 2014 Annual Conference of the Higher Learning Commission. Hyatt Regency Hotel, Chicago Downtown, April 10-14.

Why Do Students Fail? Student’s Perspective. Presentation by Cherif, A., Movahedzadeh, F., Adams, G., & Dunning, J. presented at the Lilly Conference on College and University Teaching, Washington, D.C. May 30 - June 3, 2012; and Presented at the 2013 The Higher Learning Commission at Chicago, May 5-9, 2013.

Why Do Students Fail? Faculty’s Perspective. Presentation by Cherif, A., Movahedzadeh, F., Adams, G., & Dunning, J. (2013). Presented at the Lilly Conference on College and University Teaching Washington, D.C. May 30 - June 2, 2013.

How Often Do College Students Use YouTube In Learning Biology and Chemistry Concepts. Presentation by Cherif, at el. (2013). Presented at the Lilly Conference on College and University Teaching Washington, D.C. May 30 - June 2, 2013.

Why Do Students Fail? Student’s Perspective. Presentation by Cherif, A., Movahedzadeh, F., Adams, G., & Dunning, J. presented at the 2013 The Higher Learning Commission at Chicago, May 5-9, 2013.

Action research as a mechanism for Institutional Improvement. A presentation by Cherif, A., Overbye, D., and Garr, M.P. at the 116th Annual meeting of North Central Association: Conference on Quality in Higher Education 2011 at the Higher Learning Commission conference in Chicago Illinois, April 8-12, 2011.

A Martian Invasion of Teachable Moments for Environmental Science and Related Issues. A paper presented at the 2010 Annual Conference of Association of College and University Biology Education.

Strengthening the Academic Department through Empowerment of Faculty and Staff. A paper presented by Cherif, A., Ofori-Amoah, B., Stefurak, L., Roze, M., Murkar, K., Hanna, B. and Gialamas, S. at 39th Annual Assembly of American Association of University Administrators (AAUA), Washington D.C. November 2010.

Developing Paradigm for Academic Leadership Development. A paper presented by Cherif, A., Overbye, D and Stefurk, L. at 38th Annual Assembly of American Association of University Administrators (AAUA), in Washington D.C November 2009.

New Applications of Action Research to Change Management in Higher Education. A paper presented by A. Cherif, D. Overbye, L. Stefurak, K. Murker, B. Aron, and M. Garr, at 37th Annual Assembly of American Association of University Administrators (AAUA), Salt Lake City, Utah, June 26-28, 2008.

Academic Quality Assurances In Colleges and Universities with Geographically Dispersed Locations. A Lecture was given by About Cherif at Sebha University -- Sebha Libya – North Africa, January 3, 2008.

Integrating Chemistry and Microbiology in a Single Course for Nursing and Health Science Students. A paper presented by Cherif, A.H., Michel, L.O., Movahedzadeh, F., Asadi, F., Aron, B., Jedlicka, D., Burrows F.S. at ACUBE 51th Annual meeting, October 2007 Iowa, USA.

The Most Critical Ethical Issues Facing American Higher Education: Practitioners Survey. A paper presented by A. Cherif, L. Stefurak, K. Murkar, C. Somerville, S. Taylor-King, and B. Hanna, D. at The Thirty-Fifth National Assembly of the AAUA in Vancouver, British Columbia, Canada on June 22-24, 2006.

Academic Quality and Ethical Responsibilities in Colleges and Universities with Geographically Dispersed Locations. A paper presented by D. Overbye, A. Cherif, L. Stefurak, and R. Aron, at The Thirty-Fifth National Assembly of the AAUA in Vancouver, British Columbia, Canada on June 22-24, 2006.

A Martian Invasion of Teachable Moments for Environmental Science; A. Cherif, D. Morabito, R. Aron, J. Adams, and J. Dunning. A workshop conducted at ACUBE 50TH Annual Meeting at Decatur, IL, on October 26-28, 2006.

The Essential Physics of the Human Body: An Interactive Learning Module for Nursing and Health Science Students. A paper presented by Dunning, J., Cherif, A., Jedlicka, Khalili, M., D. Aron, R. and Burrows. A paper presented at ACUBE 50TH Annual Meeting at Decatur, IL, on October 26-28, 2006.

A Scientific "Holistic" Approach to Nutrition and Health. A paper presented by Jedlicka., D., Cherif, A., Aron, R. and Burrows, F. A paper presented at ACUBE 50TH Annual Meeting at Decatur, IL, on October 26-28, 2006

Learning Science through Your Dinner Plate. 2005 NABT National conferences. Midwest Airlines Center. Milwaukee, Wisconsin.

Integrated Science: A Thematic Approach to an Undergraduate Course Around the Human Experiences. 2005 NABT National conferences. Midwest Airlines Center. Milwaukee.

Action Research As a Way of Supporting Faculty Professional Growth & Development. A workshop conducted by About Cherif and Mary Pat Gar at the 27th Annual International Conference of the National Council For Staff, Program & organizational Development. Kansas City, Oct. 20-24, 2004.

Leading Change: Supporting A New Model of Teaching and Learning-iOptimize. A workshop at KSU Academic Chairpersons conference, conducted by About Cherif and Lin Stefurak, Feb 9 –11, 2005.

Building Community Through New Faculty Development. A workshop at 14th Annual Chair Academy Conference, conducted by About Cherif and Lin Stefurak, March 2-5, 2005.

A Martian Invasion of Teachable Moments For Environmental Science. A workshop conducted by Abour Cherif, Jerry Adams, David Morabito, and Robert Aron, at the 2004 NABT National Convention, Chicago Illinois, Nov. 11-13, 2004.

Which Tea Is Good For Me; Learning Science In A Cup of Tea. A workshop conducted by Abour Cherif, Jo Suida, at the 2004 NABT National Convention, Chicago Illinois, Nov. 11-13, 2004.

The Best of Both Worlds: Implementing the iOptimize Integrated Learning System". A paper presented by Lin Stefurak and Abour Cherif at the 24th Annual Lilly Conference on College Teaching, Mimi University, Oxford Ohio, Nov. 18-20, 2004.

DNA and Restriction Enzymes. A workshop given at the 2004 ISTA Annual Convention. Interstate Center. Bloomington, July 12-14, 2004.

Preparing faculty for entry level academic leadership positions. Workshop conducted by Gialamas, S. and Cherif, A. at ACUBE 46TH Annual Meeting in Columbia College Chicago, on September 12-14, 2002.

Student Creative Final Projects as Effective Tools to Maximize Student Learning. A paper presented by Siuda, J., Doering, S. & Cherif, A., at ACUBE 46TH Annual Meeting in Columbia College Chicago, on September 12-14, 2002.

Toward a better understanding of the environment. A paper presented by Ofari-Omoah, B. , Cherif, A. & Adjibolosoo, S. at ACUBE 46TH Annual Meeting in Columbia College Chicago, on September 12-14, 2002.

What is for Dinner? Atoms and Molecules. A workshop given at 2001 ACUBE National Conference Association of College and University Biology Educators.

DeVry University's iOptimize Integrated Learning System - Supporting the Best of Both Worlds. A paper presented by Lin Stefurak, Abour Cherif, and Murkar, K. at the 2004 of THE Teaching In Higher Education Forum: E- Proceedings of Louisiana State University.

Water Purification Lab Investigation. A workshop conducted by Cherif, A., Gerstner, C., Adams, G., & Cannon, C. at the 2004 ISTA Conference.

Compressed Mode Delivery Training Workshop, conducted by Lin Stefurak and Abour Cherif at the DeVry Atlanta Campus on September 11, 2004.

Compressed Mode of Delivery Online Training Workshop. Conducted by Karen Murkar and Abour Cherif for HIT faculty at the DeVry Atlanta Campus on August-September 2004.

Product Knowledge Training Workshop for Deans/Associate Deans/Chairs. Conducted by Abour Cherif at Denver Colorado DeVry campus on September 14 -15, 2004.

The Status of the Math Curriculum At DeVry University and Its Relationship to Student's Success and Retention. Presented by Overbye, D. and Cherif, Abour at DeVry University 2004 Academic Colloquium. September 16, 2004.

Integrated Sciences – A Course for Undergraduate Students: Good Concept, Wrong Approaches; What is the Solution? Presented by Abour Cherif, Gerald Adams, Robert Aron, and Brain Saltzer at DeVry University 2004 Academic Colloquium, Wed. November 3, 2004.

How to Promote Diversity and Multiculturalism In Biology Classroom. Workshop conducted by Abour Cherif at ACUBE, NABT, and NSTA.

The Integrating Science and Mathematics Concepts, in Teaching Mathematics. Workshop conducted by Dr. S. Gialamas, Dr. A. Cherif, and Ms. A. Hanson, at the 77th Annual Meeting of The National Council of Teachers of Mathematics, San Francisco, California, Friday, April 23, 1999.

PROFESSIONAL ORGANIZATION SERVICE

Evaluator for Illinois State Board of Education for Continuing Accreditation and Program Approval for Science and Environmental Education.

Co-chair of the local arrangement of the 2010 National Conference of the American Association of University Administrators (AAUA) at Washington D.C., USA.

Co-chair of the local arrangement of the 2002 National Conference of the Association of the College and University Biology Educators (ACUBE) at Columbia College Chicago.

Co-developed the conference program for the International Institute For at 6th International Conference of the International Institute For Human Factor Development, 2003 of The Human Factor Development (IIHFD).

Co-developed the conference program for IIHFD-US for the 4th International Conference of the International Institute For Human Factor Development. The conference took place at University of Zimbabwe, Harare, Zimbabwe, July 9-12 2000.

Co-developed and manage the Planning Committee for the IIHFD conference which was held in Chicago July 9-12, 1998.

Co-chair of the 3rd International Conference of the International Institute For Human Factor Development: Human Factor and Development in The 21st, Century Chicago, July 9-11, 1998.

Co-organized, developed, and conducted The Integrating Science and Mathematics Concepts, in Teaching Mathematics Workshop at the 77th Annual Meeting of The National Council of Teachers of Mathematics, San Francisco, California, Friday, April 23, 1999.

CONSULTING AND TECHNICAL ASSISTANCE ACTIVITIES

Journal of Higher Education Management: Advisory Board Member; Member of the Editorial Board, manuscript reviewer

The Science Education Review: Advisory Board Member; Member of the Editorial Board; manuscript reviewer

American Biology Teacher Journal: Manuscript reviewer

Bioscene: Journal of College Biology Teachers: Manuscript reviewer

Journal of College Science Teaching: Advisory Board Member; manuscript reviewer

Journal of Human Factor Studies: Advisory Board member; manuscript reviewer

Mawaheb: Multicultural Magazine: Advisory Board Member

Forward to Excellence to Teaching and Learning: Founder, Advisory Board member and managing editor

I have been an educational evaluator and or consultant for a number of educational organizations and institutions. Examples include: Illinois State Board of Education; Chicago Public Schools Office of Accountability; Aristotle Academy, Chicago; The International Institute For Human Factor Development Society; Neo/SCI Corporation for New Ideas For Teaching & Learning Science; many elementary and secondary schools.

PROFESSIONAL DEVELOPMENT SERVICE/PRESENTATIONS

Founder and member of the executive board of Friends of Schools and Teachers Support Group; a group of volunteers of scientists and science educators to respond to schools or science teachers requesting help in the areas of pedagogy and or science content.

Co-organized a workshop for Integrating Science and Mathematics in the Classroom at Timber Ridge Middle School, Plainfield Illinois - Friday, February 27, 1998.

Organized a number of Project Wild Program workshops in which teachers at K-12 levels and instructors at the college level come together at Columbia College, 1995- 1997.

Co-organized and conducted one day Science/Environmental Science workshops for high school teachers at Chicago Vocational High School.

Presentations and workshops conducted in various professional state, national and international conferences and conventions throughout Canada and the United States. Examples include: (1) American Association of University Administrators Annual Assembly; (2) Lilly National Conferences on Excellence In College Teaching & Learning; (3) Lilly Regional Conferences on Excellence In College Teaching & Learning; (4) Association of College and University Biology Educators Annual Conventions; (5) THE Teaching In Higher Education Forum Annual meeting - Louisiana State University; (6) A National Conferences On College Teaching And Learning (NCTL); (7) Annual Conferences of Midwest College Learning Centers Association; (8) Midwest Ecology and Evolution Association Annual Conventions; (9) International Institute For Human Factor Development Society, Biannual International Conventions; (10) National Association of Biology Teachers Annual Conventions; (11) National Science Teachers Association Annual Conventions; (12) National Council of Teachers of Mathematics, Annual Conference; (13) Illinois Science Teachers Association Annual Conventions; (14) Illinois Association For Supervision and Curriculum Development; (15) Washington Science Teachers Association Annual Conventions; (16) The Geological Society of America — North-Central Section; (17) Science In The South Conference at Southern Illinois University Annual Conventions; (18) International Institute For Human Factor Development - US- Chapter Conference; (19) National Multiage Continuous Progress; (20) University of Victoria Conference On Ecology And Culture In Canada: To See Ourselves / To Save Ourselves.

Lectures at different colleges, schools, and organizations about teaching and learning, curriculum development and evaluation, leadership, etc. Examples include: (1) Why Should We Promote Diversity In Biology Classrooms? (2) Teaching in a Diverse Classroom. (3) Instructional Strategies That Have Never Failed Us. (4) Three Paths for Hops. (5) Teaching Science Scientifically at Elementary School Level. (6) Discovering The Fascination of Science: Hands-on Activities Using Everyday Material to Discover The Laws of Nature. (7) Attitudes of Non-science Students Towards Science and Science Courses at College Level. (8) Ecology and War: Environmental implications of the Persian Gulf War. (9) The Status of Ecology in High School Biology Textbooks in B.C. Canada. (10) Inquiry: An Easy Approach in Teaching Science. (11) Inquiry: A Rewarding Approach for Conceptual Change in Teaching Science. (12) Using A Role-Playing Game to Teach Ecology. (13) Ecology and Education: Alternative Prospective Framework for Ecology Education. (14) Effective Strategies in Teaching & Learning: Demonstration of effective teaching strategies from our classrooms. (15) Recycling and the Environment. (16) Ecological Ethics and School Education: Alternative Approach. (17) The Problem of the Transition from High School to University Science. (18) African Leadership (part of African Leadership Series at Chicago State University directed by Professor Lilly Golden 1997-1998).

Lectures, seminars and workshop designed specifically to promote the development of leadership and or talk about the concept of leadership in societies and/or higher education. Examples include: (1) Leadership Work cases in the Workplace—a hands-on workshop dealing with real cases that decision-makers can encounter on day-to-day bases in their workplace and the potential decisions that a person might take to solve the case. (2) Action Research as a Means to Promote the Development of Leadership in Higher Education. (3) Department

Chair Development Leadership Workshop. (4) Faculty Development Leadership Workshops. (5) Building Leadership in Local IHHFD Organizations. (6) Promoting Leaderships Within IHHFD.

PROFESSIONAL ORGANIZATION MEMBERSHIPS

American Association of University Administrators: Board Member, Member of the Executive Committee, vice president elect (2006-2007), vice president (2007-2008), and President (2008-09)

Association of College and University Biology Educators (ACUBE) Member of the Board of Directors; National Annual Meeting Planning Committee (2002)

National Association of Biology Teachers. Member: Four Years College Committee; National Award Committee; National Multicultural Committee

National Science Teacher Teachers (NSTA). Member: JCST Advisory board; Manuscripts Review member

The International Institute for Human Factor Development: Academic Integrity Committee; The IHHFD Publishing Committee; The IHHFD National Conferences Committee

Association for Multicultural Science Education: Member of the Board of Directors: National Science Teacher Association

COMMUNITY, SOCIAL, CHARITABLE ORGANIZATION ACTIVITIES

Science Fair Judge for (a) Chicago City Science Fair competitions; (b) State of Illinois Science Fair competitions; (c) NAACP's ACT - So (Afro-American Cultural Technological and science Olympic) Competition of Students Science & Technology Fairs

Co-organized and conducted a number of Environmental Issues Public Forums in 1995, dealing with national and international environmental issues. (These kind of Public Forums can only be conducted by people who are professionally trained and certified by both The Environmental Issues Forum and the North American Association For Environmental Education)

Co-developed and managed *Tea with a Scientist*. A public event featuring women scientists who talk about "Women as Leaders: A Scientist's Perspective". (Example: Dr. Helen Conrad Davies, the former president of the Association for Women in Science, discussed the challenges and perspectives gained from her association with that national organization)

Aristotle Academy, Chicago, Illinois: Member of Advisory Board

Examples of Journals, Conference Procedures, and Newspapers Which Published Some of My Work

(In English):

- * *The Journal of College Science Teaching*
- * *Science Education and Civic Engagement*
- * *Higher Learning Commission*
- * *Education Research International*
- * *The American Biology Teacher Journal*
- * *Illinois School Research and Development Journal*
- * *Review of Human Factor Studies Journal*
- * *The Journal of Environmental Education*

- * *Journal of Higher Education Management*
- * *The Science Education Review*
- * *Science Education and Civic Engagement*
- * *The Chairs*
- * *The Chair Academy*
- * *The Science Teacher Journal*
- * *Spectrum Journal*
- * *Forward To Excellence In Teaching and Learning,*
- * *Journal of Human Factor Studies.*
- * *Washington Science Teacher's Journal*
- * *B. C. Catalyst Journal*
- * *MAWAHEB: Multi-Cultural Magazine*
- * *Burnaby & The New Westminster News*
- * *ESN - Members' Newsletter*

Examples of Teaching

I have taught for over 20 years in various institutions in 3-different countries. For examples I taught the following graduate and undergraduate courses in Columbia College Chicago, Aristotle Academy, Chicago, Simon Fraser University, B.C. Canada, Sebha University, North Africa, and/or Sebha Higher Teacher Training Institute., North Africa

Graduate Courses:

- * Design For Learning Natural Sciences Level - I
- * Design For Learning Natural Sciences Level - II
- * Laboratory Workshop For Teachers and Student-teachers (K-12)
- * Methods and Materials For Teaching Sciences (K-8)
- * Creative Approach in Teaching Science (K-12)
- * Evaluation In Science Education
- * Advance Methods In Laboratory Biology

Undergraduate Graduate Courses:

- * Integrated Science
- * General Biology
- * Environmental Science
- * Biology: The Living World Around Us
- * Science, Technology, and Society
- * Botany: The Plant Biology
- * Biotechnology: From Fermentation to Genetic engineering
- * Genetics: The Blue Print of Life
- * General Biology for Science Teachers
- * Science Film Seminar
- * Biological Science for Changing World
- * Foundations of Modern Biology and Chemistry
- * The Thrill of Life: DNA Science
- * The Natural Development of The Biological World

College Preparatory Program:

MAILING ADDRESS: 728 WEST JACKSON BOULEVARD, UNIT #407 • CHICAGO, ILLINOIS 60661-5304
E-MAIL ADDRESS: ABOURCHERIF@ATT.NET • CELL: 847-220-0895 • ABOURCHERIF.COM

- * General Science for Gifted Students
- * General Biology for College Preparatory Program
- * Foundations of Modern Biology and Chemistry for Gifted Students

Example of Professional Academic Committees:

I served on a number of professional committees in various institutions and at various levels. For example:

- * CCN National Advisory Board for General Educational
- * AAUA Leadership Committee
- * AAUA National Conference Committee
- * AAUA Suitability and Membership
- * DeVry University Integrated Lab Committee
- * DeVry University iOptimize Learning System Committee
- * DeVry University Developmental Math Courses Committee
- * The NABT Four Years College Committee
- * The NABT National Award Committee
- * The NABT National Multicultural
- * The IIHFD Academic Integrity Committee
- * The IIHFD Publishing Committee
- * The IIHFD National Conferences Committee
- * The Faculty Development Committee (Columbia College)
- * Teaching and Learning Committee (Columbia College)
- * Institutional Policy Council Committee (Columbia College)
- * The Student Assessment Committee (Columbia College)
- * Columbia College Governance Committee (Columbia College)
- * The Undeclared Major Student Committee (Columbia College)
- * The Life Experience Evaluation Committee (Columbia College Educational Studies)

REFERENCES

Patrick Mayers, Ph.D

Emeritus, Vice President of Academic Affairs
DeVry University System
630-542-5412 (Cell)
Patricemayers717@gmail.com

Margie Martyn, Ph.D. President
Harold Washington College,
one of the City Colleges of Chicago
30 E. Lake St. | Chicago, IL 60601
p 312.553.5902 | f 312.553.3079
mmartynl@ccc.edu

Stefanos Gialamas, Ph.D

President
ACS Athens - American Community Schools
129 Aghias Paraskevis & Kazantzaki St.
15234 Halandri, Athens GR
Tel: +30 210 601-6153
gialamas@acs.gr

Donna A. Rekau, Ph.D

Associate Provost, DEV Chief Academic Office
DeVry University
3005 Highland Parkway
Downers Grove, IL 60515
630-353-9975 (W)
Drekau@devry.edu

David L. Overbye, Ph.D

Dean of Academic Affairs, REALTOR®
University
630-244-1250 (Cell)
312-467-2091 (W)
doverbye@realtors.org

Robert Aron, Ph.D

Dean of Program Development
DeVry University System
312-620-1854 (Cell)
raron@devry.edu

Maris Roze, Ph.D

Emeritus Director of General Education &
Libraries,
DeVry University
630-980-1055
maris.roze@sbcglobal.net

Jerald E. Adams, Ph.D

Science & Math Department
Columbia College Chicago
312-369-7540 (W)
847-328-9294 (H)
gadams@colum.edu