

CURRICULUM VITAE

Jonathon S. Coren

Biology Department
Elizabethtown College
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EDUCATION

- Ph. D., 1991 Cornell University, Dept. of Genetics
Thesis: "Characterization and Purification of a Telomere Binding Protein from the Acellular Slime Mold *Physarum polycephalum*. "
- B.A., 1983 University of Pennsylvania, Philadelphia, PA
Major: Biology Concentration: Genetics

POSITIONS HELD

- 2010-2013 Department Chair, Biology department: Elizabethtown College
- 2006- Associate Professor: Elizabethtown College
Teaching genetics for majors BIO 211 every fall (lecture and lab)
non-majors human genetics BIO 102 every spring (lecture and lab)
except in 2010 (sabbatical year) and the capstone senior Seminar in
Biology course BIO 412 spring 2008, 2009 and 2011
- 2002-2006 Assistant Professor: Elizabethtown College
Teaching genetics for majors BIO 211 every fall (lecture and lab)
non-majors human genetics BIO 102 every spring (lecture and lab)
introductory biology BIO 112 (lecture, Spring 2003 only)
- 1999-2002 Assistant Professor: Southwestern Oklahoma State University
Teaching non-majors biology (lecture and lab), genetics (lecture and lab),
molecular biology (lecture and lab) and bio-orientation.
Designing curriculum for the classroom and the laboratory.
Supervising undergraduate research.
- 1997-1999 Adjunct Professor: St. Joseph's University
Teaching cell biology lab, genetics (lecture and lab),
molecular biology, and biology for non-majors.
- 1993-1997 Postdoctoral Scientist: DuPont Merck Company
Advisor: Nat Sternberg (deceased)

Primary Research Interests: Creating a human PAC genomic library for expression in human cells. Retrofitting P1, PAC and BAC clones to generate nested deletion sets.

- 1991-1993 Postdoctoral Fellow: Thomas Jefferson Univ.
Advisor: Mary-Ann Bjornsti
Primary Research Interest: Identifying proteins that directly interact with DNA topoisomerase I in the yeast *Saccharomyces cerevisiae*.
- 1987-1991 Graduate Research Assistant: Cornell University
Advisor: Volker Vogt
Primary research interest: Molecular and biochemical characterization of a telomere binding protein and the DNA sequences it recognizes in the acellular slime mold *Physarum polycephalum*.
- 1985-1987 Teaching Assistant: Cornell University, Section of Genetics and Development
Primary responsibilities: Demonstrate experimental theory and laboratory procedures to biology majors conduct office hours and study sections.
- 1984-1985 Research Technician: The Wistar Institute
Advisor: Peter Wettstein
Primary responsibilities: Conduct a molecular analysis of the rat class II MHC complex.
- Spring 1981 Undergraduate Research, The Wistar Institute
Advisor: Vincent Cristofalo
Primary Research Interest: Study cellular senescence in a rat fibroblast cell line.

PUBLICATIONS

1. Coren, J.S., 2014. It's okay to get help. NCAA Sports Science Institute Newsletter, May 15, 2014.
2. Fuesler J., Nagahama Y., Szulewski J., Mundorff J., Bireley S. and Coren JS, 2012. An arrayed human genomic library constructed in the PAC shuttle vector pJCPAC-Mam2 for genome-wide association studies and gene therapy. **Gene** 496: 102-109.
3. Coren, J.S., 2014. Biology 102, Human Heredity and Inherited Diseases, a Lab Manual, Elizabethtown College Copy Services.
4. Coren, J.S., 2013. Genetics, a Lab Manual, Elizabethtown College Copy Services.
5. Gundersen, E. and Coren, J, 2007. Generating Nested Deletions in PAC Clones Constructed in pJCPAC-Mam2. **BIOS** 38: 87-94.

6. Chatterjee, P.K., L.A. Shakes, D.K. Srivastava, D.M. Garland, K.R. Harewood, K.J. Moore and J.S. Coren, 2004. Mutually exclusive recombination of wild-type and mutant loxP sites *in vivo* facilitates transposon-mediated deletions from both ends of genomic DNA in PACs. **NAR** 32:5668-5676.
7. Chatterjee, P.K., S. Mukherjee, L. Shakes, W. Wilson III, J.S. Coren, K.R. Harewood and G. Boyd, 2004. Selecting transpositions using phage P1 headful packaging: new markerless transposons for functionally mapping long-range regulatory sequences in bacterial artificial chromosomes and P1-derived artificial chromosomes. **Analytical Biochemistry** 335:305-315.
8. Coren, J.S., and N. Sternberg, 2001. Construction of a PAC vector system for the propagation of genomic DNA in bacterial and mammalian cells and subsequent generation of nested deletions in individual library members. **Gene** 264:11-18.
9. Coren, J.S., 2001. Molecular Biology 4964, a Laboratory Manual, Southwestern Oklahoma State University Press.
10. Chatterjee, P.K., and J.S. Coren. 1997. Isolating large nested deletions in bacterial and P1 artificial chromosomes by *in vivo* P1 packaging of products of Cre-catalyzed recombination between the endogenous and a transposed loxP site. **NAR** 25:2205-2212.
11. Coren, J.S., J.C. Pierce, and N. Sternberg. 1995. Headful packaging revisited: the packaging of more than one DNA molecule into a bacteriophage P1 head. **J. Mol. Biol.** 249:176-184.
12. Coren, J.S., and V.M. Vogt. 1992. Purification of a telomere-binding protein from *Physarum polycephalum*. **Biochim. Biophys. Acta** 1171:162-166.
13. Coren, J.S., E.M. Epstein, and V.M. Vogt. 1991. Characterization of a telomere-binding protein from *Physarum polycephalum*. **Mol. Cell. Biol.** 11:2282-2290.

INTERNATIONAL CONFERENCE PRESENTATIONS

Jonathon Coren (invite speaker track 3-3: Gene & Cell Therapy), An Arrayed Human Genomic Library Constructed in the PAC Shuttle Vector pJCPAC-Mam2 is a Valuable Resource for Genome-wide Association Studies and Gene Therapy, the 5th Annual World Gene Convention, Hainan, China, November 13-15, 2014.

Jonathon Coren (invited speaker and chair of track 4: Applications of Proteomics). An Arrayed Human Genomic Library Constructed in the PAC Shuttle Vector pJCPAC-Mam2 for Genome-wide Association Studies and Gene Therapy. The 3rd International Conference on Proteomics & Bioinformatics, Philadelphia, PA, July 15-17, 2013.

Jonathon Coren (poster presentation). An Arrayed Human Genomic Library Constructed in the PAC Shuttle Vector pJCPAC-Mam2 that Can Be Used To Validate Candidate

Genes Identified by Genome-wide Association Studies. Human Genetics & Genomics Gordon Conference, Bryant University, Smithfield, RI, July 7-12, 2013.

Jonathon Coren (invited speaker and co-chair of Functional Genomics session). An Arrayed Human Genomic Library Constructed in the PAC Shuttle Vector pJCPAC-Mam2 for Genome-wide Association Studies and Gene Therapy. The 4th Annual World DNA and Genome Day, Nanjing, China, April 25-27, 2013.

Bireleley, S, and J. Coren. An Arrayed Human Genomic Library For Functional Genomic Studies (faculty poster presenter), 2009. Biology of Genomes International Meeting, Cold Spring Harbor, NY.

Coren, J., Melton, N., Adu-Lartey, S., Seibold, M., Moore, K., Perkins, M. (poster) 2001. An improved PAC shuttle vector system for bidirectional deletion analysis. Genome Sequencing and Biology International Meeting, Cold Spring Harbor, NY.

REGIONAL/STATE CONFERENCE PRESENTATIONS

Jessica Manchak and Jonathon Coren. Transfection of a PAC clone containing the p53 gene in the PAC shuttle vector pJCPAC-Mam1 into the KG-1 leukemia cell line for functional studies (poster), March 23, 2013. Tri Beta Northeast District 2 Convention, Lincoln University, Lincoln, PA.

Samantha Neidig, Mina Abdelshahid, Jessica Manchak and Jonathon Coren. Construction of a stable Saos-2 osteosarcoma cell line with a p53-containing PAC clone to study transcription and translation of this gene (poster), March 23, 2013. Tri Beta Northeast District 2 Convention, Lincoln University, Lincoln, PA.

John Fuesler, Laura Wingert, Jessica Manchak and Jonathon Coren. An Arrayed Human Genomic Library Constructed in the PAC Shuttle Vector pJCPAC-Mam2 for Genome-wide Association Studies and Gene Therapy (poster), March 24, 2012. Tri Beta Northeast District 2 Convention, Bloomsburg University, Bloomsburg, PA.

John Fuesler, Yasunori Nagahama, Joseph Szulewski, Joshua Mundorff, Stephanie Bireley and Jonathon Coren. An Arrayed Human Genomic Library Constructed in the PAC Shuttle Vector pJCPAC-Mam2 for Genome-wide Association Studies and Gene Therapy (poster), October 15, 2011. BioTechniques Virtual Symposium: The Genome and Beyond.

Fuesler, J. and J. Coren. Introduction of the p53 gene contained in the PAC shuttle vector pJCPAC-Mam1 into the p53-null Saos-2 osteosarcoma cell line to demonstrate the utility of this human genomic library for functional studies (student talk) 2011. Tri Beta Northeast District 2 Convention, Lincoln University, Lincoln, PA.

Fuesler, J., Peluso, H. and J. Coren. Mutant p53 gene characterization in the Saos-2 human osteosarcoma cell line and subsequent introduction of a wild type p53-containing PAC clone (poster). Tri Beta Northeast District 2 Convention, Lincoln University, Lincoln, PA.

Bireley, S, and J. Coren. An Arrayed Human Genomic Library For Functional Genomic Studies (student talk), 2010. Pennsylvania Academy of Science Meeting, Camp Hill, PA.

Fuesler, J., Bireley, S. and J. Coren. Screening of an Arrayed Human Genomic Library in the PAC Shuttle Vector pJCPAC-Mam2 (poster), 2010. Pennsylvania Academy of Science Meeting, Camp Hill, PA.

Bireley, S., Kochuba, M., Wagner, M. and J. Coren (poster), 2009. Pennsylvania Academy of Science Meeting, Camp Hill, PA.

Bireley, S., Kochuba, M., Wagner, M. and J. Coren (poster), 2009. Beta Beta Beta Regional Convention, Moravian College, Bethlehem, PA.

Kochuba, M., Wagner, M., Nagahama, Y., Bireley, S. and J. Coren (poster), 2008. Beta Beta Beta Regional Convention, Mount Saint Mary's College, Emmittsburg, MD.

Kochuba, M., Wagner, M., Nagahama, Y., Bireley, S. and J. Coren (poster), 2008. Pennsylvania Academy of Science Meeting, Grantville, PA

Nagahama, Y. and J. Coren (student talk), 2007. Pennsylvania Academy of Science Meeting, Monroeville, PA

Nagahama, Y. and J. Coren (student talk), 2007. Beta Beta Beta Regional Convention, Elizabethtown, PA

Hamel, D. and J. Coren (poster), 2006. Pennsylvania Academy of Science Meeting, Grantville, PA.

Burke, R., Nagahama, Y. and J. Coren (student talk), 2006. Pennsylvania Academy of Science Meeting, Grantville, PA.

Burke, R., Nagahama, Y., Hamel, D., Marschner, M., Chandler, W. and J. Coren (poster), 2006. Pennsylvania Academy of Science Meeting, Grantville, PA.

Hamel, D., Alcamo, A. and J. Coren (poster), 2005. Pennsylvania Academy of Science Meeting, Camp Hill, PA.

Gundersen, E. and J. Coren (student talk), 2005. Pennsylvania Academy of Science Meeting, Camp Hill, PA.

Mundorff, J. and J. Coren (student talk), 2005. Pennsylvania Academy of Science Meeting, Camp Hill, PA.

Knauss, C. and J. Coren (poster), 2004. Pennsylvania Academy of Science Meeting, Monroeville, PA.

Szulewski, J., J. Mundorff, A. Prasad, E. Gundersen, C. Knauss, and J. Coren (poster), 2004. Pennsylvania Academy of Science Meeting, Monroeville, PA.

Prasad, A., Howell, K., Gundersen, E., and J. Coren (poster), 2003. Pennsylvania Academy of Science Meeting, Grantville, PA

Coren, J. (poster), 2003. Pennsylvania State University Genetics Symposium, Hershey, PA

Moore, K. and Coren, J. (poster) 2002. Oklahoma Academy of Science Technical Meeting, Oklahoma City, Oklahoma

Moore, K. and Coren, J. (poster) 2001. Oklahoma Academy of Science Technical Meeting, Lawton, Oklahoma.

SEMINARS PRESENTED

An Arrayed Human Genomic Library Constructed in the PAC Shuttle Vector pJCPAC-Mam2 for Genome-wide Association Studies and Gene Therapy, Disappearing Boundaries Summer Research Meeting, Elizabethtown, PA, July 17, 2014.

The genetics of Huntington's disease for the Lehigh Valley Support Group of HDSA, Lehigh Valley Hospital, March 8, 2014.

An Arrayed Human Genomic Library Constructed in the PAC shuttle Vector pJCPAC-Mam2 for Genome-wide Association Studies and Gene Therapy, Disappearing Boundaries Summer Research Meeting, Lebanon Valley College, Annville, PA, July 18, 2012.

An Arrayed Human Genomic Library Constructed in the PAC shuttle Vector pJCPAC-Mam2 for Genome-wide Association Studies and Gene Therapy, Holy Spirit Hospital, Camp Hill, PA, April 26, 2012.

The Genetics of Huntington's disease for the Educational Support for the Huntington's Disease Community Meeting, Kutztown University, April 2010.

Construction of an Improved PAC Shuttle Vector for Bidirectional Deletion analysis. Department of Microbiology and Immunology, Milton Hershey Medical Center, Hershey, PA, January 2003.

Construction of an Improved PAC Vector System for Functional Genetic Analysis. Department of Molecular Biology and Genetics, Cornell University, Ithaca, NY. May 2001.

Construction of an Improved PAC Vector System for Functional Genetic Analysis. Queens University, Kingston, Ontario, May 2001.

Generation of Large Nested Deletions on a 200 kb Mouse Genomic BAC Clone. The Oklahoma Academy of Science Technical Meeting, November 2000.

Construction of a New Human Genomic Library- a Resource for Functional Genetic Analysis. A.I.B.S. seminar, Saint Joseph's University, Philadelphia, PA, October 1998.

GRANTS WRITTEN/AWARDED

Summer 1999	NIH R15 AREA grant (not awarded)
Summer 2000	University of Oklahoma (Contract work for Dr. Bruce Roe), awarded, \$21,000.00
Summer 2001	Rockefeller Brothers Fund (not awarded)
Sept. 2001	NIH R15 AREA grant HG002216-01A1 awarded, \$100,000
Sept. 2003	Resubmission of NIH R15 grant extension (not funded)
Sept. 2004	One Year Extension of NIH R15 HG002216-01A1 awarded
May 2005	Resubmission of R15 grant extension (not funded)
Sept. 2005	Elizabethtown College Faculty grant awarded, \$3,500
Oct. 2006	Resubmission of NIH R15 grant extension (not funded)
Nov. 2008	Tri Beta Research Foundation, \$850 to Stephanie Bireley (mentor)
April 2009	Elizabethtown College Faculty grant, (not funded)
Sept. 2009	Elizabethtown College Faculty grant awarded, \$3,000
Oct. 2010	Tri Beta Research Foundation, \$592 to John Fuesler (mentor)
Oct. 2010	Tri Beta Research Foundation, \$325 to Heather Peluso (mentor)
June 2011	NIH R15 AREA grant (not funded)
Oct. 2012	NIH R15 AREA grant (not funded)
Nov. 2012	Tri Beta Research Foundation, \$700 to Jessica Manchak (mentor)

MANUSCRIPTS/ BOOKS/ GRANTS REVIEWED

Reviewer for Lewis, Human Genetics, Concepts and Applications, tenth edition, 2013

Reviewer for book proposals for Elsevier Publishers, 2012

Reviewer for the journal Gene, 2012

Reviewer for BIOS manuscripts (undergraduate research journal), 2007-2014

Reviewer for Lewis, Human Genetics, Concepts and Applications, ninth edition, 2007

Reviewer for Snustad and Simmons, Principles of Genetics, fourth edition, 2005

Reviewer for the Pennsylvania Academy of Science student grant applications, 2003-2012

Reviewer for BioTechniques journal

GENETICS-RELATED DISEASE MEETINGS ATTENDED

World Diabetes Day, Juvenile Diabetes Research Foundation of Central PA, November 14, 2013, Hershey, PA.

Huntington's Disease Society of America Eastern PA Educational Day, Allentown, PA, October 12, 2013.

Genomic Medicine and the Plain Populations of North America, Franklin & Marshall College, July 18, 2013, Lancaster, PA.

Juvenile Diabetes Research Foundation Central PA Annual Meeting, July 18, 2012, Hershey, PA.

Huntington's Disease Society of America Eastern PA Educational Day, Middletown, PA, October 21, 2012.

National Multiple Sclerosis Society, Central PA Chapter Annual Meeting/Volunteer Recognition Dinner, October 26, 2011, Hershey, PA.

Juvenile Diabetes Research Foundation Central PA Annual Meeting, July 26, 2011, Harrisburg, PA.

Transplantation as Novel "Gene Therapy" for Genetic Disease, October 15, 2010, Clinic for Special Children, Strasburg, PA.

Penn State College of Medicine Genetics Symposium, October 7, 2010, Hershey, PA.

Educational Support for the Huntington's Disease Community, April 24, 2010, Kutztown University.

MDA Muscle Summit, November 22, 2008, Wilmington, Delaware.

National Multiple Sclerosis, Central PA Chapter Annual Meeting, November 19, 2008, Hershey, PA.

Managing Huntington's Conference, Nov. 1, 2008, Middletown, PA.

Advances in Inflammatory Bowel Disease, May 1, 2008, Harrisburg, PA.

Juvenile Diabetes Research Foundation Central PA Annual Meeting, March 2008, Harrisburg, PA.

Managing Huntington's Conference, Nov. 2, 2007, Lafayette Hill, PA.

Managing Huntington's Conference, Nov. 11, 2006, Conshohocken, PA.

TEACHING/ADVISING WORKSHOPS ATTENDED

Elizabethtown College vocation, purposeful life work, and ethical leadership retreat, Allenberry Resort, Boiling Springs, PA, May19-21.

Prezi Workshop as a Pedagogical Tool in the Class Room, Elizabethtown College, March 27, 2012.

Genomics in Education iPlant Faculty Workshop, Dolan DNA Learning Center, Cold Spring Harbor Laboratory, Buffalo, NY, June 2011.

Workshop for Department and Division Chairs, The Council for Independent Colleges, Cincinnati, Ohio, May 2010.

NSF Chataqua Short Courses: Faculty Development Program, Austin, Texas, July 2004.

Bioinformatics: VectorNet Workshop for Biology Faculty, Dolan DNA Learning Center, Cold Spring Harbor Laboratory, Oklahoma City, Oklahoma, June 2002.

ELIZABETHTOWN COLLEGE PRESENTATIONS

Presenter of "Where Do We Come From? Tracing Genetic Heritage through Mitochondrial DNA", November 12, 2013

Panelist for International Students week movie on mitochondrial Eve, November 2012

Multicultural Weekend Dinner Panel Discussion member, February 18, 2011.

Roundtable participant for Capstone courses at the Conference on Program Assessment, January 13, 2011.

Elizabethtown College Scholarship Reconsidered: Innovations in Teaching, Research and Service participant, May 19, 2010.

What Matters to Me and Why presentation, "Tikkun olam and tzedakah," November 10, 2009.

DNA fingerprinting and electrophoresis. Science in Motion workshop for high school teachers, June 29, 2009.

Wednesday at 11, Panel Discussion: Science, Citizenship, and the Public Interest, March 18, 2009.

Wednesday at 11, Service Learning Opportunities program participant, March 2007.

PRESENTATIONS TO THE GENERAL PUBLIC

Panel Discussion participant, Mental Health Awareness Week program, Dickinson College, October 3, 2013

The symptoms, treatments, and genetics of bipolar disorder, Paxton Ministries, July 25, 2012, Harrisburg, PA

The symptoms, treatments, and genetics of bipolar disorder, the Mental Health Association of Lebanon County's Depression/Bipolar Support Group meeting, June 19, 2012, Lebanon, PA

Panelist, Abraham's Table Forum Series, Faith & Ecology, the Red Rose Intercultural & Educational Foundation, May 19, 2012, Leola, PA

Panel Discussion participant, Dauphin/Cumberland/Perry Community Support Program 2012 Recovery Conference, May 8, Harrisburg Holiday Inn

The use of *Drosophila melanogaster* as a model system to study genetics, The Infinity Charter School, February 14, 2012, Harrisburg, PA

The genetics of bipolar disorder, and how I have been affected by this disease, Harrisburg Depression and Bipolar Support Alliance, January 31, 2012, Camp Hill, PA

The Immortal Life of Henrietta Lacks and what this book teaches us about cancer and medical ethics, Masonic Village Life Long Learning Program, Masonic Village, October 25, 2011, Elizabethtown, PA

The Embryonic Stem Cell Debate in the United States, Masonic Village, July 7, 2011, Elizabethtown, PA

Personalized Medicine: the Future of Health Care, Calvary United Methodist Church, September 22, 2010, Harrisburg, PA

The Current State of Embryonic Stem Cell Research, Calvary United Methodist Church, September 30, 2009, Harrisburg, PA

Gregor Mendel and Transmission Genetics, The Infinity Charter School, November 2008, Harrisburg, PA

Genetically Modified Food: Frankenfood or a Creative Way to Solve the World's Food Crisis, Calvary United Methodist Church, September 10, 2008, Harrisburg, PA

The Intersection Between Science, Religion and Politics: Rock, Paper, Scissors, Calvary United Methodist Church, September 12, 2007, Harrisburg, PA

Genetic Testing and Gene Therapy, Calvary United Methodist Church, November 1, 2006, Harrisburg, PA

The Progress of Embryonic Stem Cells, Calvary United Methodist Church, February 8, 2006, Harrisburg, PA

The Progress of Embryonic Stem Cells, Trindle Parkinson's Support Group,
Mechanicsburg, PA, January 12, 2005, Harrisburg, PA

The Progress of Embryonic Stem Cells, Hadassah Organization, Jewish Community
Center of Harrisburg, December 15, 2004, Harrisburg, PA

COMMITTEES/COLLEGE SERVICE

Campus Life Council, 2013-

Beta House SDLC Advisor, 2011-2012 and 2012-2013

Chicks Against Cancer SDLC Advisor, 2011-2012

Men's Lacrosse Faculty Mentor, 2011-

Community Engagement Advisory Committee, 2011-2014

Service Learning Committee, 2008-2011

Middle States Assessment Committee, 2007-2008

Advisor of Colleges Against Cancer 2006-2012

Professional Standards Committee, 2006-2009; Chair, 2008-2009

NCAA Faculty Athletics Representative (FAR) 2005-

Co-advisor of Hillel, 2005-2012

Occasions Committee, 2004-2007

External Grants Committee, 2004-2005

Athletics Committee Chair, 2003-2005; 2005-2008

Teaching Evaluation Committee, 2002-2004

ADDITIONAL SERVICE TO THE COLLEGE AND THE COMMUNITY

Participant in the First Interfaith Iftar Dinner sponsored by the Turkish Cultural Center
Pennsylvania, Harrisburg, PA, July 18, 2014

Interviewed by a Turkish TV network to convey how the Hizmet movement and its
activities are perceived worldwide, Turkish Cultural Center, Harrisburg, PA, June 21,
2014

Vice President of the Board of Directors for the Academy of Business &
Entrepreneurship Charter School of Lancaster (ABECS), 2012-

Co-organizer of Holmes Morton's visit and presentations to the college community on
November 8, 2012

Organizer of the Ricki Lewis Wednesday at 11 on November 14, 2012

Elected as the Vice President of the Executive Committee of the Board of Directors of
Compeer of Lebanon, March 2013

Elected member of the Board of Directors of Compeer of Lebanon, September 2012

Usher for Elizabethtown College Baccalaureate, May 2012

Search committee member for the Mental Health Counselor position, May 2012

Science judge at the BIOGENEius Challenge, April 2012, Harrisburg University,
Harrisburg, PA

Participant in the Athletics department Self Study, April 2012

Search committee member for the Health Educator position, April 2012

Search committee member for the Women's Basketball Head Coach, March 2012

Co-organizer of the "Building Peace: An Evening of Interfaith Hospitality" Panel
Discussion at the Elizabethtown Church of the Brethren, March 2012

"The Immortal Life of Henrietta Lacks" Book group discussion leader, fall 2011

Host for the Pequae Valley High School Research Day, fall 2011
Momentum lunch host, August 2011
Host for a Chinese student, July 2011 through PeopleLink
Volunteer for What a Difference a Day Makes program for the National Multiple Sclerosis Society, fall 2011
Elected member of the Board of Directors for the Mental Health Association of the Capital Region (MHACR), July 2011-July 2014
Member of the Festival of Hope Committee, MHCR, 2011-
Member of the Education and Advocacy Subcommittee, MHACR, July 2011-
Science judge at the BIOGENEius Challenge, May 7, 2011, Harrisburg University, Harrisburg, PA
Biology Newsletter editor, 2010-2012
Celebrity judge for the Battle of the Birds, Elizabethtown College, 2008, and 2009
Faculty Team Captain for Elizabethtown College's Relay for Life, 2008-2012
Compeer volunteer, Compeer of Lebanon, Feb. 2009-
Volunteer for the Oklahoma Chapter of the Huntington's Disease Society of America, The Woody Guthrie Folk Festival, Okemah, OK, 2000-2014
MDA summer camp counselor, Gretna Glen, Mt. Gretna, PA, June 2007 and June 2008
Volunteer at the Delaware County chapter of the Huntington's Patient Retreat/Camp at the Variety Club Camp in Worcester, PA, 2005-2008
Science judge at the Pennsylvania Junior Academy of Science, 2003-2009
Science judge at the regional Beta Beta Beta Undergraduate Convention, 2007-2009, 2011 and 2012

MEMBERSHIPS

Member of the American Association of University Professors
Member of the American Association for the Advancement of Science
Member of Beta Beta Beta Biological Honor Society

AWARDS

Nominated for the Richard Crocker Outstanding Service to Students Award, 2014
Elizabethtown College Merit Award winner in Service, 2011-2012
Elizabethtown College Faculty Service-Learning Award winner, 2011-2012
Nominated for the Richard Crocker Outstanding Service to Students Award, 2010
Recipient, Sabbatical Leave awarded from Elizabethtown College, spring 2010
Extraordinary Performance award in Service from Elizabethtown College, 2007-2008
Elizabethtown College Faculty Service-Learning Award winner, 2004-2005

HONORS IN THE DISCIPLINE ADVISOR/ CO-ADVISOR

Jessica Manchak, biology, 2012-2013
Laura Wingert, biology, 2012-2013
John Fuesler, biology, 2010-2011
Laura Festa, occupational therapy, 2009- 2010 (co-advisor with Ann Marie Potter)
Yasunori Nagahama, biology, 2006- 2007
Erin Gundersen, biology, 2004- 2005
Joshua Mundorff, biology, 2004- 2005

Courtney Knauss, biology, 2003- 2004

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COLLEGE SCHOLARS RECEPTIONS ATTENDED

Invitee of John Fuesler and Heather Peluso, August 2010

Invitee of John Fuesler and Christopher Heisey, August 2009

Invitee of Yasunori Nagahama, August 2006

EMERGING SCHOLARS RECEPTIONS ATTENDED

Invitee of Brittany Benjamin, Scott Douglas, Kyle Lord, Erin Murowany, Jessica Manchak and Laura Wingert, October 2011

Invitee of Joe Bodnar and Emily Ellis, March 2013