

PETER THADUES OLSZEWSKI

ADDRESS

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DATE OF BIRTH

May 14, 1984, Greenwich, Connecticut

EDUCATION

Fairfield University, Summa Cum Laude, 2002 – 2008
Fairfield University, M.S., 2010

POSITIONS

Student Support Services Tutor, Fairfield University, 2005 – 2007
Teaching Assistant, Mathematics Department, Fairfield University, 2006
Project Assistant, Computer Science Department, Fairfield University, 2006
Tutor, Greenwich Education & Prep, LLC, 2007 – 2008
Staff Writer, Comfit Online Learning Center, 2007
Adjunct Professor, Borough of Manhattan Community College, 2008 – 2010
Adjunct Professor, New York City College of Technology, 2010
Lecturer, Penn State Erie, The Behrend College, 2010 – present
Larson Texts, Inc., 2011 – present

VISITING POSITIONS

Student Teacher, Greenwich High School, Greenwich, CT, 2008

Mathematics Teacher, Greenwich High School, 2008 – 2009
Long-Term Mathematics Sub, Brien McMahon High School, Norwalk, CT, 2009
Mathematics Teacher, Adult & Continuing Education, Stamford, CT, 2009

SERVICE TO BEHREND

- Courses instructing: Developmental Mathematics for Academic Transition Program, MATH 021: College Algebra I Hybrid for Nurses, MATH 022: College Algebra II with Analytic Geometry, MATH 034: The Mathematics of Money, MATH 035: General View of Mathematics, MATH 036: Insights into Mathematics, MATH 041: Trigonometry & Analytic Geometry, MATH 082: Technical Mathematics for plastics engineers, MATH 110: Techniques of Calculus I (business Calculus), MATH 140: Calculus with Analytic Geometry I, MATH 141: Calculus with Analytic Geometry II, MATH 220: Matrices (Linear Algebra for engineers), and Math 230: Calculus III and Vector Analysis.
- Penn State World Campus Grant for Paperless Classroom. Awarded: Monday, January 6, 2014, \$4,000.
- Mathematics Lecturer search committee member, 2013 – 2014.
- *Schreyer Institute for Teaching Excellence* Grant proposal to provide seminars and extra tutors in mathematics lab to help bridge the gap transitioning from high school to college expectations. Awarded, Thursday, May 31, 2012, \$1,454.
- New course developed, MATH 034: The Mathematics of Money started summer 2011 – present.
- New course developed, Hybrid MATH 21: College Algebra I, with specific focus for adult learners and nursing students, April 2013 – present.
- Pi Mu Epsilon Petition Co-Writer and Penn State Erie, The Behrend College 362nd Chapter Advisor, June 2011 – present.
- Utilize various technologies into classroom lecturers such as PowerPoint's, TI-83/84 calculators, webbitemu, and Excel.
- School of Science Scholarship Committee Member, 2011 – 2013.
- School of Science Faculty Affairs Representative, 2011 – 2013.
- Attend Academic Convocations and graduations.
- Attend various talks given by colleagues.
- Newman Association of Penn State Behrend, Faculty Advisor.
<http://www.behrendnewman.com/>
- Faculty judge for Penn State Erie Sigma Xi Undergraduate Research and Creative Accomplishment Conference, spring 2011 - present.

- Faculty judge for the PA Junior Academy of Science; a Middle and High School science competition held at Penn State Erie, January 2011 - present.
- FTCAP volunteer, (new freshman schedule orientation), early summer 2011, 2012, 2013, 2014.
- Math Options Career Day for Girls, part of the Penn State Erie outreach program, early summer 2011, 2013.
- Mathematics & Science Summer Institute (STEM) Program, summer 2011.
- Spend a Summer Day Open House volunteer, July 2011 - present.
- Math Club Bowling Nights, May, December, 2011, 2012.
- Adult Student Open House volunteer, September 2011 - present.
- United Way Campaign volunteer, September 2011 - present.
- School of Science Physics Day volunteer, November 2011, 2012, 2013.

PUBLICATIONS

Olszewski, P. T., Teaching Millennials how to Study Under the 21st Century Sky. Pyrex Journals, vol. 2(1), pp. 1-9, 2016. Published *February 11, 2016*. No.57,139.

Links: <http://pyrexjournals.org/pjerr/abstract/2016/february/peter.php>
<http://pyrexjournals.org/pjerr/pdf/2016/february/peter.pdf>

Olszewski, P. T. Mathematical Association of America [Book Review](#) of Kucharski, A., The Perfect Bet: How Science and Math are Taking the Luck Out of Gambling, Basic Books, 2016. Published *February 10, 2016*. No.57,138.

Olszewski, Peter T. Group Presentations, Cayley Graphs, and Markov Processes. *World Scientific Press*. Vol. 1. 1. 2016: 25-39. (To appear)

Olszewski, Peter T. (Editor). Reviewer of Chapter 10 Infinite Series. *W.H. Freeman and Company Publishers* 3rd ed. 2016. Wrote a review of Chapter 10 Infinite Series. (To appear)

Olszewski, Peter T. (Editor). Reviewer of Chapter 14 Differentiation in Several Variables. *W.H. Freeman and Company Publishers* 3rd ed. 2016. Wrote a review of Chapter 14 Differentiation in Several Variables. (To appear)

Olszewski, Peter T. (Editor). Reviewer of Chapter 2 Limits. *W.H. Freeman and Company Publishers* 3rd ed. 2016. Wrote a review of Chapter 2 Limits. (To

appear)

Olszewski, P. T. On Collaboration: An Important Skill for Mathematical Educators for the 21st Century. Imhotep African Journal, 2015. (Submitted)

Olszewski, P. T. Owiti S. O. The Science Behind a Flipped Classroom. Imhotep African Journal, 2015. (Submitted)

Olszewski, P. T. Mathematical Association of America [Book Review](#) of Boardman E. M. and Nelsen B. R., College Calculus: A One-Term Course for Students with Previous Calculus Experience, MAA Textbooks, 2015. Published *November 27, 2015*. No.57,063

Olszewski, P. T. Mathematical Association of America [Book Review](#) of Goodaire E. G., Linear Algebra: Pure and Applied, World Scientific, 2015. Published *November 11, 2015*. No.57,047

Olszewski, P. T. Mathematical Association of America [Book Review](#) of Sisson, P. and Szarvas, T., Calculus with Early Transcendentals, Hawkes Learning Systems, 2015. Published *August 17, 2015*. No.56,961

Olszewski, P. T. Mathematical Association of America [Book Review](#) of Simon, W., Mathematical Magic, Dover Publications, 1993. Published *June 9, 2015*. No.56,892

Olszewski, P. T. Mathematical Association of America [Book Review](#) of Perry, B., MacDonald, A. and Gervasoni, A., Mathematics and Transition to School: International Perspectives, Springer, 2015. Published *April 24, 2015*. No.56,846

Olszewski, P. T. Mathematical Association of America [Book Review](#) of Rucker, R., The Fourth Dimension: Toward a Geometry of Higher Reality, Dover Publications, 2014. Published *February 26, 2015*. No.56,789

Olszewski, P. T. Mathematical Association of America [Book Review](#) of Shahin, M., Explorations of Mathematical Models in Biology with MATLAB®, Wiley, 2014. Published *December 29, 2014*.

Olszewski, P. T., Owiti D. S. O. The Need for Effective Study Skills under the 21st Century Sky: A Case of USA and Kenya, IMHOTEP: African Journal of Pure and Applied Mathematics, vol. 1, No. 1, pages 25 - 39. Published *November 3, 2014*. [PDF](#)

Olszewski, P. T. Mathematics Association of America [Book Review](#) of Hess, D., Golf on the Moon: Entertaining Mathematical Paradoxes and Puzzles, Dover Publications, 2014. Published *August 18, 2014*.

Olszewski, P. T. Mathematics Association of America [Book Review](#) of Huang, R., Prospective Mathematics Teachers' Knowledge of Algebra, Springer, 2014. Published *July 29, 2014*.

Olszewski, P. T. Mathematics Association of America [Book Review](#) of Brown, J. P., Blum, W., Kaiser, G. and Stillman, G.A., Teaching Mathematical Modelling: Connecting to Research and Practice, Springer, 2013. Published *May 10, 2014*.

Olszewski, P. T. Book Review of Calculus for OpenStax Calculus, Connexions Words & Numbers, 2014.

Olszewski, P. T. (Editor) (2014). Film editor for Larson, R. Elementary Algebra, Chapter 9 Supplemental Exercise Video Solutions 6th. Erie, PA: Larson Text, Inc.. <http://algebrawithinreach.com>.

Olszewski, P. T. (Editor) (2014). Film editor for Larson, R. Intermediate Algebra, Chapter 6 Supplemental Exercise Video Solutions 6th. Erie, PA: Larson Text, Inc.. <http://algebrawithinreach.com>.

Olszewski, P. T. (Editor) (2014). Film editor for Larson, R. Algebra & Trigonometry, Chapter 6 Supplemental Exercise Video Solutions 9th . Erie, PA: Larson Text, Inc.. <http://larsonprecalculus.com>.

Olszewski, P. T. (Editor) (2014). Film editor for Larson, R. Elementary Algebra, Chapter 8 Supplemental Exercise Video Solutions 6th . Erie, PA: Larson Text, Inc.. <http://algebrawithinreach.com>.

Olszewski, P. T. (Editor) (2014). Film editor for Larson, R. Elementary Algebra, Chapter 5 Supplemental Exercise Video Solutions 6th . Erie, PA: Larson Text, Inc.. <http://algebrawithinreach.com>.

Olszewski, P. T. (Editor) (2014). Film editor for Larson, R. Elementary Algebra, Chapter 1 Supplemental Exercise Video Solutions 6th . Erie, PA: Larson Text, Inc.. <http://algebrawithinreach.com>.

Olszewski, P. T. Mathematics Association of America [Book Review](#) of Williams, G. A., How Math Works: A Guide to Grade School Arithmetic for Parents and Teachers, Rowan and Littlefield, 2013. Published *December 3, 2013*.

Olszewski, P. T. Mathematics Association of America [Book Review](#) of Hermann, D. L. and Sally, Jr. P. J., Number, Shape, and Symmetry: An Introduction to Number Theory, Geometry, and Group Theory, 1st edition, Chapman & Hall/CPC Press, 2013. Published *August 26, 2013*.

Olszewski, P. T. Mathematics Association of America [Book Review](#) of Persidis, S. C., Calculus of One Variable, 1st edition, Alive Books, 2012. Published *April 16, 2013*.

Olszewski, P. T. Mathematics Association of America [Book Review](#) of Briggs, W., Cochran, L., Gillett, B., and Schulz, E., Calculus for Scientists and Engineers, 1st edition, Pearson Education, Inc., 2013. Published *December 11, 2012*.

Olszewski, P. T. Book review for Turyn, L. Advanced Engineering Mathematics, CRC Press, 2012.

Olszewski, P. T. Mathematics Association of America [Book Review](#) of Harvill, L. Applied Matrix Algebra, Xlibris Corporation, 2011. Published *April 14, 2012*.

Olszewski, P. T. Instructor's Resource Manual for Larson, R. Calculus 6th edition. McGraw Hill, 2014.

Olszewski, P. T. Instructor's Resource Manual for Larson, R. Calculus 10th edition. McGraw Hill, 2013.

Olszewski, P. T. Solutions writer for Larson, R. Elementary Linear Algebra, 7th edition, Brooks/Cole, Cengage Learning, 2013.

Olszewski, P. T. Solutions Manual for Larson, R. Math and You, 1st edition, Cengage Publishing, 2011.

SERVICE TO CUNY

New York State Mathematics Association of Two-Year Colleges Region IV
Conference November 2009

Mathematics adjunct faculty orientation workshop assistant, January 2010

SERVICE TO FAIRFIELD UNIVERSITY

Taking Education Above Challenging Heights, TEACH Club Co-Founder &
Director of Subject Area Officers, 2007 – 2008

MACS Club Member, Secretary & Treasurer, 2007

Cura Personalis Mentoring Program Mentor, 2006 – 2007

NATIONAL HONOR SOCIETIES

Phi Beta Kappa inducted in 2008

Sigma Xi (The Scientific Research Honors Society), inducted in 2008

Pi Mu Epsilon (Mathematics Honors Society), inducted in 2007

Alpha Sigma Lambda (Adult Higher Education Honors Society), inducted in 2004

GRANTS AND AWARDS

Albert M. Loch Scholarship for the Institute for Retired Professionals, 2005, 2006, 2007

Schreyer Institute for Teaching Excellence Grant proposal to provide seminars and extra tutors in mathematics lab to help bridge the gap transitioning from high school to college expectations. Awarded, Thursday, May 31, 2012, \$1,454. Penn State World Campus Grant for Paperless Classroom. Awarded: Monday, January 6, 2014, \$4,000.

RECENT INVITED LECTURES/CONFERENCES/TALKS

- *Bringing College Algebra out of the Classroom*, Joint Mathematics Meetings, Seattle, WA, January 2016.

- Moderator for the MAA General Contributed Paper Session I on Algebra, Thursday, January 7, 2016, 1:00-3:55 p.m.
- Judge for MAA Student Poster Session, Friday, January 8, 2016, 3:30-4:30 p.m.
- *The Science Behind a Flipped Classroom*, 3rd Annual Strathmore International Mathematics Conference, Nairobi, Kenya, August 2015.
- *On Collaboration: An Important Skill for Mathematical Educators for the 21st Century*, 3rd Annual Strathmore International Mathematics Conference, Nairobi, Kenya, August 2015.
- *Did you do your homework?*, Joint Mathematics Meetings, San Antonio, Texas, January 2015.
 - Moderator for the MAA General Contributed Paper Session on Outreach.
- *A Flipped Math for Nurses*, MathFest, Portland, Oregon, August 2014.
 - Judge for MAA Student Paper Session #10, Thursday, August 7, 2014, 2:00-3:55 p.m. Topics of student talks: Knot Theory.
 - Provided updates to the Pi Mu Epsilon Council for Penn State Erie, Pennsylvania Alpha Beta Chapter.
- *Academic Transition Program: A Recipe for a Successful Beginning*, Hendrick Conference: Best Practices for Adult Learners, (Co-Presenter with Donna Fuller, Assistant Director of Admissions for Adult and Transfer Students), Penn State Harrisburg, Harrisburg, PA, May 2013.
- *Teaching Freshmen Study Skills*, 2013 Erie Regional Colloquy, Penn State Erie, The Behrend College, Erie, PA, May 2013.
- *Teaching Millennials How to Study Under the 21st Century Sky*, MAA Allegheny Mountain Section Spring 2013 Meeting, Indiana University of Pennsylvania, Indiana, PA, April 2013.
 - Moderator for faculty talk session in Stright 327, Saturday, April 6, 10:35 - 11:30 a.m.
- 15th Annual Youngstown State University Pi Mu Epsilon Regional Conference, Youngstown, OH, February 2013.
- *The Use of Exam Wrappers to Motivate Student Learning*, Joint Mathematics Meeting, San Diego, California, January 2013.
- *Money, That's What I Want!*, MAA Allegheny Mountain Section Spring 2012 Meeting, West Virginia University, Morgantown, WV, April 2012.
- Ohio Section MAA Spring 2012 Meeting, Youngstown, OH, March, 2012.
- 14th Annual Youngstown State University Pi Mu Epsilon Regional Conference, Youngstown, OH, February 2012.

- *Money, That's What I Want!*, Joint Mathematics Meeting, Boston, Massachusetts, January 2012.
- Math Fest, Lexington, Kentucky, August 2011.
 - Judge for MAA Student Paper Session #16, Friday, August 5, 2011, 8:30-10:45 a.m. Topics of student talks: Linear Algebra/Matrix Theory, Topology, Knot Theory, Voting Theory, and Mathematics Education.
- MAA Allegheny Mountain Section Spring 2011 Meeting, Clarion University, Clarion, PA, April 2011.
- NCTM 2011 Annual Meeting & Exposition, Indianapolis, IN, April 2011.
- Ohio Section MAA Spring 2011 Meeting, Youngstown, OH, March, 2011.
- 13th Annual Youngstown State University Pi Mu Epsilon Regional Conference, Youngstown, OH, February 2011.
- Joint Mathematics Meetings, New Orleans, LA, January 2011.
- Pi Mu Epsilon Math Fest, Pittsburgh, PA, August 2010.
- Teaching & Learning Colloquium, Stony Brook University, May 2010.
- Dyadic Version of Morse Transformation and Morse Reordering of the Integer Numbers, Graduate Center, City University of New York, April 2010.
- CUNY Games Network Workshop, Graduate Center, City University of New York, April, 2010.
- Math, Our Community & Civic Engagement, New York City College of Technology, April 2010.
- A Tantalizing Probabilistic Simulation of Random Points on a Circular Path, New York City College of Technology, April, 2010.
- New York State Mathematics Association of Two-Year Colleges Region IV Conference, November 2009.
- Group Presentations, Cayley Graphs, & Markov Processes, Joint Mathematics Meetings, Washington D.C., January 2009.
- Colloquium on Gröbner Bases, Fairfield University, November 2008.
- Combinatorial & Geometric Group Theory Conference, Fairfield University, October 2008.
- New York Algebra Colloquium, Surface Groups: Motivating Examples in Combinatorial Group Theory, Graduate Center, City University of New York CUNY, September 2008.
- *Group Presentations, Cayley Graphs, & Markov Processes*, Math Fest, Madison, WI, August 2008.

RECENT ART EXHIBITIONS

Second Annual Faculty Art Show, Penn State Erie, Erie, PA, Fall 2015
Fall Exhibition, Academy Theatre, Meadville, PA, Fall 2013
Landscapes, Fairfield University, Loyola Hall, The Lukacs Gallery, Fall 2005

SKILLS

Knowledge of Canvas, ANGEL, Video Learning Network (VLN) technology, Doceri, Java, xfig, Windows 7, Vista, XP, and 2000, Word, PowerPoint, Access, Excel, Geometer's Sketchpad, Smart Board, Smart-View Calculator, Grade Quick, Genesis, TI-83, TI-83 Plus, TI-84 Silver Edition, TI-86 graphing calculators, Texas Instruments Navigator Calculator, webbitemu, MyMathLab (MML), coursecompass.com, webassign.net, ThinkWell, MathConnect, and MyFoundationsLab (MFL).