

# Jeremy A. Osborne

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## Personal Statement

I am an excellent mathematics instructor who has consistently received outstanding teaching reviews from students, peers, and administrators. I am well-qualified for the position at your institution through my teaching experience and educational background, as well as other life experiences. If hired, I would be an asset to both the school and community.

## Education & Publications

- |           |   |                 |
|-----------|---|-----------------|
| 2008-2014 | <i>University of Wisconsin – Milwaukee</i>  | Milwaukee, WI   |
|           | <ul style="list-style-type: none"><li>◆ <b>Doctor of Philosophy in Mathematics</b></li><li>◆ Achieved 3.88 GPA Overall</li><li>◆ <b>Published journal article</b> “Statistical Hyperbolicity of Relatively Hyperbolic Groups” with Wen-yuan Yang in <i>Algebraic &amp; Geometric Topology</i> 16 (2016) 2143–2158 which extended the scope of my doctoral dissertation</li><li>◆ Recipient of GAANN Fellowship (funded by U.S. Department of Education)</li></ul>   |                 |
| 2012      | <i>Oregon State University</i>  | Corvallis, OR   |
|           | <ul style="list-style-type: none"><li>◆ Attended a three-day workshop on Geometric Topology</li></ul>   |                 |
| 2006-2007 | <i>Truman State University</i>  | Kirksville, MO  |
|           | <ul style="list-style-type: none"><li>◆ Attended an interdisciplinary curriculum retreat (Topic: Incorporating Research into Undergraduate Curricula)</li><li>◆ Participated in ten-week summer research program (funded by the National Science Foundation) during which I:<ul style="list-style-type: none"><li>• Researched Integer Sequences (Fibonacci, Lucas, and Lucas-like sequences)</li><li>• Wrote several enrichment projects for College Algebra students</li><li>• Began writing a College Algebra text</li><li>• Developed proficiency with LaTeX software</li><li>• Developed familiarity with Mathematica software</li></ul></li></ul> |                 |
| 2005      | <i>University of Central Oklahoma</i>   | Edmond, OK      |
|           | <ul style="list-style-type: none"><li>◆ Attended a two-day conference on Cryptology</li></ul>   |                 |
| 2001-2004 | <i>Missouri State University</i>  | Springfield, MO |
|           | <ul style="list-style-type: none"><li>◆ Earned <b>Master of Science in Mathematics</b></li><li>◆ Achieved 4.00 GPA Overall</li></ul>  |                 |
| 1996-2001 | <i>Evangel University</i>   | Springfield, MO |
|           | <ul style="list-style-type: none"><li>◆ Earned <b>Bachelor of Science in Mathematics</b></li><li>◆ Completed <b>Minor in Physics</b></li><li>◆ Achieved 3.54 GPA Overall (3.92 GPA in Mathematics courses)</li><li>◆ Member of Kappa Mu Epsilon National Mathematics Honor Society</li><li>◆ Member of Evangel University Math Club (President for one year)</li></ul>  |                 |

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## Teaching Experience

- 2022-present **Associate Professor** at *Evangel University* Springfield, MO
- ◆ Courses taught:
    - Intermediate Algebra
    - College Algebra
    - Trigonometry
    - Elementary Statistics
    - Calculus II
    - Calculus III
    - Discrete Mathematics
    - Differential Equations
    - Sophomore Mathematics Seminar
    - Proof Techniques
    - Foundations of Geometry
    - Abstract Algebra
    - Advanced Calculus
    - Number Theory
    - Combinatorics
    - Senior Mathematics Seminar
  - ◆ Non-teaching responsibilities:
    - Held office hours and attended department meetings
    - Managed courses using Canvas
    - Attended monthly faculty training/enrichment seminars
    - Served as faculty sponsor for Kappa Mu Epsilon (KME)
      - Helped plan campus KME events
      - Attended regional and national KME conferences with students
      - Advised student research presenters for KME conferences
    - Advised student research presenters for other local conferences
    - Wrote Trigonometry textbook (published in-house)
    - Edited and updated Elementary Statistics textbook (published in-house)
    - Created presentation for Statistics course using LaTeX (now used by all math professors teaching the course)
    - Developed and taught new courses for Proof Techniques, Sophomore Seminar, Number Theory, and Combinatorics
    - Served on Valor Scholarship Committee
    - Served on Academic Integrity Committee
    - Involved in assimilation of international students
- 2014-2015 **Mathematics Lecturer** at the *University of Wisconsin* Kenosha, WI
- ◆ Courses taught:
    - College Algebra
    - Trigonometry
    - Calculus I, II, and III
  - ◆ Non-teaching responsibilities: held office hours and attended department and faculty meetings

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## Teaching Experience (continued)

- 2008-2014     **Teaching Assistant** at the *University of Wisconsin*     Milwaukee, WI
- ◆ Courses taught:
    - Intermediate Algebra (traditional instruction)
    - Beginning/Intermediate Algebra (using ALEKS computer program)
    - Contemporary Mathematics (as a course assistant)
    - College Algebra
    - Trigonometry
    - Elementary Statistics
  - ◆ Non-teaching responsibilities: held office hours and tutored undergraduate mathematics
  - ◆ Received “First Year Student Success Award” for dedication to the academic success of first year students
- 2004-2008     **Assistant Professor** at *Moberly Area Community College*     Kirksville, MO
- ◆ Courses taught:
    - Fundamentals of Algebra
    - Intermediate Algebra (including several internet-television courses)
    - College Algebra (including several internet-television courses)
    - Dual-credit College Algebra (all internet-television courses)
    - Trigonometry
    - Elementary Statistics (including one internet-television course)
    - Calculus I
  - ◆ Non-teaching responsibilities:
    - Held office hours
    - Advised students academically
    - Attended department and faculty meetings
    - Member of Faculty Forum
    - Mentored a new faculty member
    - Member of President’s Faculty and Staff Advisory Council
    - Member of Wellness Committee
- 2002-2004     **Adjunct Instructor** at *Ozarks Technical Comm College*     Springfield, MO
- ◆ Courses taught:
    - Intermediate Algebra
    - College Algebra
    - Trigonometry
  - ◆ Non-teaching responsibilities: held office hours and assisted in writing department core final exams for Intermediate Algebra
- 2001-2003     **Graduate Assistant** at *Missouri State University*     Springfield, MO
- ◆ Taught Intermediate Algebra
  - ◆ Non-teaching responsibilities: held office hours and tutored Intermediate and College Algebra

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## Other Work Experience

- 2015-2022     **Missionary to Ukraine** through *AGWM*     Springfield, MO
- ◆ Fundraised a personal and work budget in order to live and work in Ukraine
  - ◆ Created professional-level documents, pamphlets, and videos
  - ◆ Learned how to speak basic Russian
  - ◆ Helped to coordinate re-entry programs for Ukrainian veterans of war
  - ◆ Helped to establish support groups for people with special needs and their caregivers in multiple cities in Ukraine
  - ◆ Opened a student center for international students
  - ◆ Taught English to non-native speakers
  - ◆ Helped facilitate humanitarian relief efforts in Ukraine following the escalation of war in 2022
- 2003-2004     **Math Tutor** at *Bellwether Learning Center*     Springfield, MO
- ◆ Tutored Basic, Intermediate, and College Algebra as well as Geometry
  - ◆ Prepared students for the Mathematics portions of standardized exams such as the ACT, SAT, GMAT, etc.
- 1998-2001     **OSP Technician** at *Stine Consulting*     Dillsburg, PA
- ◆ Worked as crew leader of survey team (diagramming telecommunications)
  - ◆ Developed proficiency in spreadsheets, word processors, and file management
  - ◆ Developed familiarity with AutoCAD software
  - ◆ Assisted in troubleshooting in-house software development

## Technological Skills

- ◆ Proficient in using graphing and scientific **calculators**, including writing short programs on advanced graphing calculators
- ◆ Proficient in the use of **mathematics software** including LaTeX, SPSS, ALEKS, MathType, TI-interactive, etc. Also experienced with older versions of mathematics software including Mathematica, Minitab, MATLAB, etc.
- ◆ Proficient in the use of **office-related software** including Microsoft Word, Excel, and PowerPoint, Open Office, etc. Proficient in the use of graphics, audio, and video editing software.

## References

Available upon request

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## *Teaching Philosophy*

I believe that the classroom environment must be suitable for learning. Thus, it is imperative that the classroom be a place where students are not simply lectured to. They must also be free to interact with the instructor and, when suitable, with fellow students. As an instructor, I create such an environment by welcoming questions and prompting students for their ideas. I present mathematics to students in a clear, understandable, and patient manner. Additionally, I encourage students to work together outside of class, and I also have them work together in class on review days. In my experience, many students feel intimidated by mathematics. I have found that this style of instruction keeps the students from becoming anxious.

I always encourage students to do their best. I firmly believe that all committed students can learn mathematics. By being patient with students and explaining concepts thoroughly (occasionally with additional reinforcement outside of class), I have yet to find a dedicated student who is not able to ultimately understand the concepts covered.

I believe that mathematics teaches essential life lessons. In mathematics, a student is asked to solve particular problems given a limited set of tools. Life is much the same. People are given many choices each day, but only have limited knowledge, abilities, or resources with which to make decisions. Thus, mathematics teaches students much more than how to “crunch numbers.” Mathematics teaches a student how to solve problems, how to meet goals with limited resources, and how to make logical choices, all of which are essential life lessons.