Thái Hoàng Lê

Curriculum Vitae

Department of Mathematics,
The University of Mississippi,
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University, MS 38677
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Employment

2026–present **Professor**, *University of Mississippi*, University, MS
2021–2026 **Associate professor**, *University of Mississippi*, University, MS
2015–2021 **Assistant professor**, *University of Mississippi*, University, MS
2014–2015 **Sophie Germain postdoctoral fellow**, *Ecole Polytechnique*, Palaiseau, France
2011–2014 **Bing Instructor**, *University of Texas at Austin*, TX
2010–2011 **Member**, *Institute for Advanced Study*, Princeton, NJ

Research Interests

Number Theory, Combinatorics

Education

2005–2010 **University of California**, *Los Angeles*, CA, Ph.D. in Mathematics
Advisor: Prof. Terence Tao. Thesis title: Topics in Arithmetic Combinatorics in Function Fields.

2004–2005 **University of Paris 6 (Pierre and Marie Curie)**, *Paris*, France
M.S. in Mathematics (M2 Algèbre et Géométrie).

2002–2004 **Ecole Polytechnique**, *Palaiseau*, France
B.S. in Mathematics.

Grants and Awards

2023–2028 **Travel Support for Mathematicians**, *Simons Foundation*
2023–2027 **Grant DMS-2246921**, *National Science Foundation*
2021 **Dr. Mike L. Edmonds New Scholar Award**, *University of Mississippi*,
Research award for untenured, tenure-track faculty of College of Liberal Arts
2017–2021 **Grant DMS-1702296**, *National Science Foundation*
2017–2018 **Ralph E. Powe Junior Faculty Enhancement Award**, *Oak Ridge Associated Universities*,
One of 37 nationwide awards across multiple disciplines
2016-present **Summer research grants (2016, 2017, 2019, 2020, 2026)**, *College of Liberal Arts, University of Mississippi*
2013 **Faculty travel award**, *UT Austin*
2012–2014 **AMS-Simons travel grant**
2009–2010 **Dissertation Year Fellowship**, *UCLA*
2005–2006 & 2008–2009 **Pauley Fellowship**, *UCLA*
2002–2005 **Scholarship of Ecole Polytechnique**, France
1998–1999 **International Mathematical Olympiad**, *Bronze medal 1998, Gold medal 1999*
Asian-Pacific Mathematical Olympiad, *Gold medal 1999*

Publications

- (with A. Lott), **Bourgain's L^2 pointwise ergodic theorem over function fields**, *preprint.*
- (with P.-Y. Bienvenu, A. Lê and J. T. Griesmer) **Bohr sets in sumsets III: expanding difference sets and almost Bohr sets**, *preprint.*
- (with J. Champagne, Z. Ge, Y.-R. Liu and T. D. Wooley) **Equidistribution of polynomial sequences in function fields: resolution of a conjecture**, *preprint.*
- (with P.-Y. Bienvenu and G. Wathodkar) **A generalization of Sárközy's theorem in function fields**, *to appear in SIAM Journal on Discrete Mathematics.*
- (with G. Wathodkar) **On Bohr sets arising from partitions of Z**, *Vietnam J. Math. 54 (2026), 303–306 .*
- (with J. Champagne, Y.-R. Liu and T. D. Wooley) **Well-distribution modulo one and the primes**, *Proc. Amer. Math. Soc. 153 (2025), 5069–5074.*
- (with P.-Y. Bienvenu, J. T. Griesmer and A. Lê) **Intersective sets for sparse sets of integers**, *Ergodic Theory and Dynamical Systems 45 (2025), no. 5, 1370–1402.*
- (with C. Qiu (*high school student*)) **On the order of additive bases in finite abelian groups**, *Involve 18 (2025), No. 4, 737–746.*
- (with Y.-R. Liu and T. D. Wooley) **Equidistribution of polynomial sequences in function fields, with applications**, *Advances in Mathematics 479 (2025), 110424.*
- (with J. T. Griesmer and A. Lê) **Bohr sets in sumsets II: countable abelian groups**, *Forum Math. Sigma 11 (2023), paper no. e57.*
- (with A. Lê) **Bohr sets in sumsets I: compact abelian groups**, *Discrete Analysis 2025, Paper No. 11, 37 pp.*
- (with P.-Y. Bienvenu and B. Girard) **On additive bases in infinite abelian semigroups**, *Journal of Combinatorial Algebra 7 (2023), no. 1, 1–44.*
- (with A. Lê) **Multidimensional configurations in the primes with shifted prime steps**, *Acta Math. Hungar. 164 (2021), no. 1, 1–14.*
- (with Z. Ge) **Essential components in vector spaces over finite fields**, *Mosc. J. Comb. Number Theory 10 (2021), no. 2, 149–166.*
- (with Z. Ge) **On theorems of Wirsing and Sanders**, *Acta Arithmetica 189 (2019), no. 4, 381–390.*
- (with P.-Y. Bienvenu) **Linear and quadratic uniformity of the Möbius function over $\mathbf{F}_q[t]$**, *Mathematika 65 (2019), Issue 3, 505–529.*
- (with P.-Y. Bienvenu) **A bilinear Bogolyubov theorem**, *European Journal of Combinatorics 77, March 2019, 102–113.*
- (with A. Bhowmick and Y.-R. Liu) **A note on character sums in finite fields**, *Finite Fields Appl. 46 (2017), 247–254.*
- (with M. Kelly) **Van der Corput sets with respect to compact groups**, *Archiv der Mathematik 110 (2018), no. 4, 343–349.*
- (with V. Lambert and A. Plagne) **Additive bases in groups**, *Israel J. Math., 217 (2017), no. 1, 383–411.*
- (with A. Bhowmick) **On primitive elements in finite fields of low characteristic**, *Finite Fields Appl. 35 (2015) 64–77.*
- (with A. Bhowmick, A. Gabizon and D. Zuckerman) **Deterministic extractors for additive sources**, *ITCS (Innovations in Theoretical Computer Science) 2015.*
- (with J. D. Vaaler) **Multiplicatively badly approximable matrices in fields of power series**, *Proc. Amer. Math. Soc. 143 (2015), no. 9, 3791–3800.*
- (with C. V. Spencer) **Intersective polynomials and Diophantine approximation, II**, *Monatsh. Math. 177 (2015), no. 1, 79–99.*
- (with J. D. Vaaler) **Sums of products of fractional parts**, *Proc. London Math. Soc. (3) 111 (2015), no. 3, 561–590.*
- (with J. Wolf) **Polynomial configurations in the primes**, *Int. Math. Res. Not. (2014) 2014 (23): 6448–6473.*

- (with M. Kelly) **Uniform dilations in higher dimensions**, *J. London Math. Soc. (2013) 88 (3): 925–940.*
- (with C. V. Spencer) **Intersective polynomials and Diophantine approximation**, *Int. Math. Res. Not. (2014) 2014 (5): 1153–1173.*
- **Partition regularity and the primes**, *C. R. Math. Acad. Sci. Paris 350 (2012), no. 9–10, 439–441.*
- **Problems and results on intersective sets**, *Combinatorial and Additive Number Theory: CANT 2011 and 2012, Springer Proceedings in Mathematics & Statistics 101, Springer 2014.*
- (with Y.-R. Liu) **On sets of polynomials whose difference set contains no squares**, *Acta Arith. 161 (2013), 127–143.*
- (with C. V. Spencer) **Difference sets and the irreducibles in function fields**, *Bull. Lond. Math. Soc. 43 (2011), no. 2, 347–358.*
- **Intersective polynomials and the primes**, *Journal of Number Theory 130 (2010), Issue 8, 1705–1717.*
- **Green-Tao theorem in function fields**, *Acta Arith. 147 (2011), 129–152.*
- (with J. Cilleruelo) **On a question of Sárközy on gaps of product sequences**, *Israel J. Math. 179 (2010), 285–295.*

Teaching Experience

2015–present **Instructor**, *Mathematics Department*, University of Mississippi

- Unified Calculus & Analytic Geometry I (Math 2611, Spring 2016, Fall 2019, Fall 2020, Fall 2022)
- Unified Calculus & Analytic Geometry II (Math 2612, Spring 2017, Spring 2019)
- Unified Calculus & Analytic Geometry III (Math 2613, Fall 2015 (2 sections), Fall 2016, Fall 2017, Fall 2018)
- Unified Calculus & Analytic Geometry IV (Math 2614, Spring 2017, Spring 2018, Spring 2019, Spring 2020, Spring 2022)
- General Topology I (Math 5011/5511, Fall 2026)
- Advanced Calculus I (Math 5051/5551, Spring 2016, Fall 2019, Fall 2020, Spring 2021, Spring 2022, Fall 2026)
- Advanced Calculus II (Math 5052/5552, Fall 2016, Spring 2020, Spring 2021, Spring 2023, Spring 2025)
- Modern Algebra I (Math 6251, graduate course, Fall 2022, Fall 2023, Fall 2024, Fall 2025)
- Modern Algebra II (Math 6262, graduate course, Spring 2023, Spring 2024, Spring 2025, Spring 2026)
- Topics in modern mathematics: Fourier analysis meets number theory (Math 6999, graduate course, Fall 2018)
- Topics in modern mathematics: Topics in additive combinatorics (Math 6999, graduate course, Spring 2024)
- Graduate reading courses: Travis Dirle (Spring 2016), Zhenchao Ge (Spring 2016–Spring 2020), Awatef Almuteri (Fall 2018, Spring 2019), Apoorva Mate (Spring 2020, Fall 2020), Zeyuan Zhang (Spring 2021), Gauree Wathodkar (Summer 2021–Spring 2025), Rajesh Palei (Fall 2025–present)

2011–2014 **Instructor**, *Mathematics Department*, UT Austin

- Complex Analysis (M361, Spring 2013)
- Differential Calculus (M408K, Spring 2013)
- Arithmetic Combinatorics (M390C, graduate course, Fall 2012)
- Introduction to Number Theory (M328K, Summer 2012, Spring 2014)
- Probability I (M362K, Spring 2012, Fall 2013)
- Discrete Mathematics (M325K, Fall 2011, Summer 2014)
- Sequences, Series, and Multivariable Calculus (M408D, Fall 2011, Spring 2014)
- Conference course (Aadil Sarfani, Fall 2013)

Advising and mentoring

Postdoc

- Chao Liu, 2022–2024, University of Mississippi.
  Current position: Instructional Assistant Professor, University of Mississippi.

Graduate students

- Zhenchao Ge (co-advised with Micah Milinovich), Ph.D. 2020, University of Mississippi.
  Thesis title: **Topics in Analytic and Combinatorial Number Theory**.
- Gauree Wathodkar, Ph.D. 2025, University of Mississippi,
  One of two Class Marshals among all graduating Ph.D. students at UM.
  Thesis title: **Arithmetic Ramsey Theory in Algebraic Settings**.
  Current position: Lecturer, Loyola University Chicago.
- Rajesh Palei, Ph.D. expected 2029, University of Mississippi.
- Awatef Almuteri, M.S. 2019, University of Mississippi.
  Thesis title: **Quadratic Reciprocity: Proofs and Applications**.

Undergraduate students

- Van Huynh, honors thesis 2026, University of Mississippi.
  Thesis title: **Sumset Lower Bounds in Abelian Groups**.
  Current position: Ph.D. student in Mathematics at University of Houston.

High school students

- Since 2018, I have mentored 13 high school students from across the US, on reading courses and research projects. In particular, one project resulted in one published paper (see Publications).

Seminar and conference talks

Oct 2026 **AMS Fall Southeastern Sectional Meeting, *special session on Recent Developments in Number Theory***, *Kennesaw State University*, Kennesaw, GA

Oct 2026 **AMS Fall Southeastern Sectional Meeting, *special session on Analytic Theory of Finite Fields and Their Polynomial Rings***, *Kennesaw State University*, Kennesaw, GA

Aug 2026 **Seminario de Geometría, Álgebra y Topología en Oaxaca (GATO)**, *Instituto de Matemáticas de la UNAM, Unidad Oaxaca*, Mexico

Dec 2025 **Seminario Preguntón de Matemáticas Discretas**, *Instituto de Matemáticas de la UNAM, Unidad Juriquilla*, Mexico

Aug 2025 **AMS Fall Western Sectional Meeting, *special session on Recent Advances in Dynamical Systems***, *University of Denver*, Denver, CO

Nov 2024 **Discrete Analysis seminar**, *North Carolina State University*, Raleigh, NC

Jun 2024 **Séminaire de Géométrie**, *Université de Bordeaux*, France

Jun 2024 **Discrete Mathematics, Coding Theory and Cryptography seminar**, *Université Paris 8*, France

Apr 2024 **Colloquium**, *Georgia State University*, Atlanta, GA

Mar 2024 **Southeastern Logic Symposium 2024**, *University of Florida*, Gainesville, FL

Oct 2022 **Trojan Math Seminar**, *Troy University*, online

May 2022 **Combinatorial and Additive Number Theory 2022**, *CUNY graduate center*, online

Oct 2021 **Number Theory seminar**, *University of Mississippi*, online

May 2021 **Combinatorial and Additive Number Theory 2021**, *CUNY graduate center*, online

Apr 2021 **AMS Spring Central Sectional Meeting, *special session on Recent Progress in Analytic Number Theory***, online

Mar 2021 **New York Number Theory seminar**, online

Sep 2020 **Additive Combinatorics in Marseille**, *Marseille*, online

Jun 2020 **Number Theory Seminar**, *Kansas State University*, online

May 2020 **Combinatorial and Additive Number Theory 2020**, *CUNY graduate center*, online

Feb 2020 **Mathematics seminar**, *Mississippi State University*, Starkville, MS

Oct 2019 **7th annual Mississippi Discrete Math Workshop**, *University of Mississippi*, Oxford, MS

Oct 2019 **Number Theory seminar**, *University of Mississippi*, Oxford, MS

Jun 2019 **Nancy-Metz Number Theory seminar**, *Université de Lorraine*, Nancy, France

Jun 2019 **Discrete Mathematics, Coding Theory and Cryptography seminar**, *Université Paris 8*, France

May 2019 **Algebra and Number Theory seminar**, *Institute of Mathematics*, Hanoi, Vietnam

Apr 2019 **Dynamical Systems seminar**, *Northwestern University*, Evanston, IL

Apr 2019 **Discrete Mathematics seminar**, *Georgia State University*, Atlanta, GA

Mar 2019 **Combinatorics and Probability seminar**, *Ohio State University*, Columbus, OH

Jan 2019 **2nd Vietnam Workshop on Graph Theory and Discrete Geometry**, *Vietnam Institute for Advanced Study in Mathematics*, Hanoi, Vietnam

Jan 2019 **Number Theory seminar**, *Taida Institute for Mathematical Sciences*, Taipei, Taiwan

Nov 2018 **6th annual Mississippi Discrete Math Workshop**, *University of Mississippi*, Oxford, MS

Oct 2018 **Integers 2018**, *Augusta*, GA

Sep 2018 **Discrete Mathematics seminar**, *Texas State University*, San Marcos, TX

May 2018 **International Conference on Mathematics and Statistics (ICOMAS 2018), *special session on Combinatorics***, *University of Memphis*, TN

Apr 2018 **Dynamical Systems seminar**, *University of Houston*, TX

Mar 2018 **Analysis and PDE seminar**, *University of California, Los Angeles*, CA

Mar 2018 **Number Theory seminar**, *University of California, Irvine*, CA

Jan 2018 **Combinatorial Number Theory seminar**, *University of California, Riverside*, CA

Jan 2018 **Joint mathematics meetings, *AMS special session on Diophantine Approximation and Analytic Number Theory***, San Diego, CA

Dec 2017 **Algebra and Number Theory seminar**, *Institute of Mathematics*, Hanoi, Vietnam

Nov 2017 **5th annual Mississippi Discrete Math Workshop**, *University of Mississippi*, Oxford, MS

Sep 2017 **Palmetto Number Theory Series XXVIII**, *University of Tennessee*, Knoxville, TN

Apr 2017 **Discrete mathematics seminar**, *Texas State University*, San Marcos, TX

Sep 2015 **Combinatorics seminar**, *University of Mississippi*, Oxford, MS

Jul 2015 **Journées Arithmétiques 2015**, *University of Debrecen*, Debrecen, Hungary

Jun 2015 **Analysis seminar**, *University of Crete*, Heraklion, Greece

May 2015 **Number Theory seminar**, *University of York*, York, UK

May 2015 **Number Theory seminar**, *Royal Holloway, University of London*, Egham, UK

Apr 2015 **Number Theory seminar**, *Taida Institute for Mathematical Sciences*, Taipei, Taiwan

Mar 2015 **Séminaire CAESAR de combinatoire additive**, *Ecole Polytechnique*, Palaiseau, France

Nov 2014 **Colloquium**, *University of Mississippi*, Oxford, MS

Sep 2014 **Algebra, Number Theory, and Combinatorics seminar**, *University of Texas at Austin*, TX

May 2014 **Combinatorial and Additive Number Theory 2014**, *CUNY Graduate Center*, New York, NY

May 2014 **Colloquium**, *Lehman College, CUNY*, New York, NY

Mar 2014 **Colloquium**, *Texas State University*, San Marcos, TX

Jan 2014 **Colloquium**, *Baruch College, CUNY*, New York, NY

Nov 2013 **Workshop on Heights in Diophantine geometry, group theory and additive combinatorics**, *Erwin Schrödinger International Institute for Mathematical Physics*, Vienna, Austria

Sep 2013 **Algebra, Number Theory, and Combinatorics seminar**, *University of Texas at Austin*, TX

May 2013 **Number Theory seminar**, *University of Waterloo*, ON, Canada

May 2013 **Combinatorial and Additive Number Theory 2013**, *CUNY Graduate Center*, New York, NY

Apr 2013 **Number Theory seminar**, *UIUC*, Urbana-Champaign, IL

Mar 2013 **Joint Caltech/UCLA Analysis seminar**, Los Angeles, CA

Mar 2013 **AMS Southeastern Section Meeting, *special session on modern methods in analytic number theory***, *University of Mississippi*, Oxford, MS

Jan 2013 **Combinatorics seminar**, *Georgia Institute of Technology*, Atlanta, GA

Oct 2012 **AMS Central Section Meeting, *special session on additive and combinatorial number theory***, *University of Akron*, OH

Oct 2012 **Number Theory seminar**, *Texas A&M University*, College Station,TX

Sep 2012 **Algebra, Number Theory, and Combinatorics seminar**, *University of Texas at Austin*, TX

Mar 2012 **Number Theory seminar**, *University of Georgia*, Athens, GA

Mar 2012 **VIGRE student seminar**, *University of Georgia*, Athens, GA

Mar 2012 **Groupe de travail en combinatoire arithmétique**, *Ecole Polytechnique*, Palaiseau, France

Mar 2012 **Séminaire CAESAR de combinatoire additive**, *Ecole Polytechnique*, Palaiseau, France

Nov 2011 **Algebra, Number Theory, and Combinatorics seminar**, *University of Texas at Austin*, TX

Nov 2011 **Number Theory Seminar**, *Kansas State University*, Manhattan, KS

Jun 2011 **The Pretentious View of Analytic Number Theory**, *Mathematics Research Communities*, Snowbird, UT

May 2011 **Combinatorial and Additive Number Theory 2011**, *CUNY Graduate Center*, New York, NY

Sep 2010 **Postdoc short talks**, IAS, Princeton, NJ

Apr 2010 **Number Theory seminar**, *University of Waterloo*, ON, Canada

Jan 2010 **Number Theory seminar**, *Penn State University*, State College, PA

Jan 2010 **Analysis and PDE seminar**, *UCLA*, CA

Jan 2010 **Number Theory seminar**, *Northwestern University*, Evanston, IL

Dec 2009 **Algebra, Number Theory, and Combinatorics seminar**, *University of Texas at Austin*, TX

Nov 2009 **AMS Western Sectional Meeting, *special session on arithmetic combinatorics***, *UC Riverside*, CA

Oct 2009 **Integers 2009**, *University of West Georgia, Carrollton*, GA

Aug 2009 **Participating Analysis seminar**, *UCLA*, CA

Jul 2009 **Journées Arithmétiques 2009**, *Université de St. Etienne*, France

May 2009 **Combinatorial and Additive Number Theory 2009**, *CUNY Graduate Center*, New York, NY

Apr 2009 **Number Theory seminar**, *Universidad Autónoma de Madrid*, Spain

Dec 2008 **Western Number Theory Conference**, *Colorado State University*, Fort Collins, CO

Sep 2008 **Harmonic Analysis/Ergodic Theory/Additive Combinatorics student seminar**, *University of California, Berkeley*, CA

May 2008 **Combinatorial and Additive Number Theory 2008**, *CUNY Graduate Center*, New York, NY

Mar 2008 **Centre de Recerca Matemàtica**, *Bellaterra*, Spain

Apr 2007 **Participating Analysis seminar**, *UCLA*, CA

Education and outreach activities

Outreach talks

I have been giving popular mathematics talks to high school and undergraduate students. I strive to communicate ideas from higher mathematics in a way that is easily accessible and stimulating to the public. Topics include Ramsey theory, the Banach-Tarski paradox, the isoperimetric inequality, and Hilbert's third problem.

Feb 2025 **Sonia Kovalevsky Day, University of Mississippi**, *Oxford*, MS

Apr 2024 **Mathematics & Statistics Club, Georgia State University**, *Atlanta*, GA

Mar 2024 **Sonia Kovalevsky Day, University of Mississippi**, *Oxford*, MS

Jul 2023 **High School Engineering Camp, University of Mississippi**, *Oxford*, MS

Mar 2022 **Admitted Student Day, University of Mississippi**, *Oxford*, MS

Apr 2021 **PME society, University of Mississippi**, *Oxford*, MS

Mar 2020 **Research in Math club, Liberal Arts and Science Academy**, *Austin*, TX

May 2019 **PME society, University of Mississippi**, *Oxford*, MS

Oct 2018 **PME society, University of Mississippi**, *Oxford*, MS

Dec 2017 **Tran Phu High School**, *Hai Phong*, Vietnam

Dec 2017 **Lam Son High School**, *Thanh Hoa*, Vietnam

Dec 2017 **Foreign Trade University**, *Hanoi*, Vietnam

Dec 2017 **High School for Gifted Students, Hanoi National University of Education**, *Hanoi*, Vietnam

Nov 2017 **PME society, University of Mississippi**, *Oxford*, MS

Mar 2017 **PME society, University of Mississippi**, *Oxford*, MS

Mathematics competitions

2017–2019 Grader and problem writer for the University of Mississippi Math Tournament, a competition for high school students which attracts many students from across Mississippi and Tennessee.

Mar 2017 Served as judge for the mathematics section at the Regional Science Fair for high school students held by the University of Mississippi.

Feb 2016, Mar 2023 Chaperoned University of Mississippi's team in the student competition at the LA/MS meeting of the MAA.

Other activities

Jun 2018 & Jun 2019 Served as co-lead instructor for RUBI (Rebel Upward Bound Institute), a summer program targeted at underrepresented and underprivileged high school students from nearby Calhoun and Yalobusha counties in Mississippi. Our program used the inquiry-based learning approach which promotes critical thinking, problem solving and teamwork skills.

Apr 2018 Represented the mathematics department at University of Mississippi's STEM Fest, which consisted of activities to promote science to the public, especially children.

Professional activities

Co-organizer of the special session on Analytic Number Theory, International Conference on Mathematics and Statistics (ICOMAS 2018), University of Memphis, May 7–10, 2018.

Editorial board: Houston Journal of Mathematics (2025–present)

Referee for mathematical journals: Acta Arithmetica, Acta Mathematica Vietnamica, Advances in Mathematics, American Journal of Mathematics, Bulletin of the London Mathematical Society, Canadian Journal of Mathematics, Collectanea Mathematica, Compositio Mathematica, Czechoslovak Mathematical Journal, Discrete Analysis, European Journal of Combinatorics, Experimental Mathematics, Finite Fields and Their Applications (×4), Glasnik Matematički, IEEE Transactions on Information Theory, International Mathematical Research Notices, International Journal of Number Theory (×3), Journal of Algebraic Combinatorics (×2), Journal of Combinatorial Theory Series A, Journal of the European Mathematical Society (×2), Journal of Number Theory, Manuscripta Mathematica, Mathematika, Mathematische Zeitschrift, Memoirs of the American Mathematical Society, Proceedings of the American Mathematical Society (×2), Publicationes Mathematicae Debrecen, Random Structures & Algorithms, Real Analysis Exchange, The Ramanujan Journal, Taiwanese Journal of Mathematics.

Served on: *Ph.D. committee* of Wasin Vipismakul (UT Austin), Jaime Hernández Palacios (University of Mississippi), Annette Shinn (University of Mississippi), Kavita Dhanda (University of Houston), Shunzhe Zhang (University of Mississippi).
Ph.D. examination committee of Shuntaro Yamagishi (University of Waterloo).
Master's thesis committee of Zhenchao Ge (University of Mississippi), Mashael Alsharif (University of Mississippi), Lucas Schnubel (Sorbonne Université).
Master's oral examination committee of Katherine Bronicki, Ethan Morris, James Torrent (University of Mississippi).

Grant reviewer: NSF, Oak Ridge Associated Universities, NAFOSTED (Vietnam).

Service at University of Mississippi

Organizer of Combinatorics seminar, Mathematics department (2023–present).

In charge of Algebra Comprehensive Exam, Mathematics department (2023–present).

Member of Assessment Committee, Mathematics department (2018-present).

Member of Assistant Professor hiring committee, Mathematics department (2023).

Member of Visiting Assistant Professor hiring committee, Mathematics department (2022).

Languages

Vietnamese: native

English, French, Spanish: fluent

German, Italian, Latin: elementary