Academic Identification

Name

Carlos Nicolas Gomez

Position

Assistant Professor of Teacher Education and Mathematics

July 2016 - present

Secondary Mathematics Education

Departments of Teaching and Learning and Mathematical Sciences

Clemson University

Academic Background

Graduate Assistant 2012 – 2016

Department of Mathematics and Science Education

University of Georgia

High School Mathematics Teacher 2007 – 2012

Winder-Barrow High School, Winder, GA

Academic Degrees

Doctorate of Philosophy in Mathematics Education May 2016

University of Georgia, Athens, Georgia

Dissertation: Identity formation as a teacher-of-mathematics: The emotional geographies of

prospective elementary teachers

Committee: Dr. Jim Wilson (Chair), Dr. AnnaMarie Conner, Dr. Jessica P. Bishop

Master of Education in Mathematics Education

December 2010

University of Georgia, Athens, Georgia

Bachelor of Science in Mathematics May 2007

University of Texas in El Paso, El Paso, Texas

Research

Publications

Peer reviewed articles

- **Gomez, C. N.** (Revise & Resubmit). The identity work of a prospective teacher: An argumentation perspective on identity. Manuscript in preparation for submission to *Mathematics Teacher Education & Development.*
- White, D. Y., **Gomez, C. N.**, Hussien, N., Patel, K., Pratt, J., & Rushing, F. (Revise & Resubmit). Working together to assemble the puzzle of students' mathematical strengths. *Mathematics Teaching in the Middle School*.

Book Chapters

White, D. Y., **Gomez, C. N.**, Patel, K., Hussain, N., Simpson, R., Rushing, F., & Pratt, J. (in press). Educators learning from middle school students' views of mathematical strengths, In L. West & M. Boston (Eds.) 2017 Annual Perspectives in Mathematics Education: Reflective and Collaborative Processes to Improve Mathematics Teaching. Reston, VA: NCTM.

Gomez, C. N., & Siy, E. (In Press). Problematizing gender: Learning to embrace uncertainty. In D. White, S. Crespo, & M. Civil (Eds.), Cases for Teacher Educators: Facilitating Conversations about Inequities in Mathematics Classrooms (pp. 85–94). Charlotte, NC: Information Age Publishing (Association for Mathematics Teacher Educators- AMTE).

Presentations

International & National Conferences

Refereed Conference Proceedings

- Conner, A., & **Gomez, C. N.** (2015). Seeing it all vs. Not seeing anything: How two prospective teachers interpreted similar experiences. Presented at the 2015 annual meeting of the American Educational Research Association. Chicago, IL. April 16–20, 2015.
- **Gomez, C. N.** (2015). Using argumentation to investigate the identity as teacher of a prospective teacher. In T. G. Bartell, K. N. Bieda, R. T. Putnam, K. Bradfield, & H. Dominguez (Eds.), *Proceeding of the 37th annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. 997). East Lansing, MI: Michigan State University.
- **Gomez, C. N.**, & Conner, A. (2014). "I also want them to feel comfortable": Affect and the formation of professional identity. In S. Oesterle, P. Liljedah, C. Nicol, S. Oesterle, & D. Allan (Eds.). *Proceedings of the Joint Meeting of PME 38 and PME-NA 36, Vol. 3* (pp. 177–184). Vancouver, Canada: University of British Columbia.
- Conner, A., Francisco, R., Suominen, A., Park, H. & **Gomez, C. N.** (2014). Prospective Secondary Teachers' Conceptions of Proof and Interpretations of Arguments. In *The Electronic Proceedings for the Seventeenth Special Interest Group of the MAA on Research on Undergraduate Mathematics Education.* Denver, CO: Northern Colorado University.
- Carreras, A., **Gomez, C. N.,** & Bishop, J. P. (2013). Using metaphors to explore preservice teachers' beliefs about teaching mathematics. In M. Martinez, & C. Superfine (Eds.). *Proceedings of the 35th annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education (pp. 1267). Chicago, IL: University of Illinois.*
- **Gomez, C. N.** (2013). Beliefs as part of a greater galaxy: A metaphor. In M. Martinez, & C. Superfine (Eds.). *Proceedings of the 35th annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. 1270). Chicago, IL: University of Illinois.

Presentations

- Conner, A., **Gomez, C. N.**, Park, H., Zhuang, Y., Salaam, B. O., & Foster, J. K. (accepted). Learning to support collective argumentation: Consistencies between interpretations from coursework and teaching actions. Presentation at the Twenty-first Annual Conference of the Association of Mathematics Teacher Educators, Orlando, FL.
- **Gomez, C. N.** (accepted). The use of emotional geographies to explore identity formation of prospective teachers. Presentation at the Twenty-first Annual Conference of the Association of Mathematics Teacher Educators, Orlando, FL.

- Conner, A., & Gomez, C. N. (2016, May). Belief structure as explanation for interpretations of field experiences. Presented at the University of Georgia Mathematics Education 50th Anniversary, Athens, GA.
- Gomez, C. N. (2016, May). The potential of a sociocultural perspective on emotion in mathematics education. Presented at the University of Georgia Mathematics Education 50th Anniversary, Athens, GA.
- Gomez, C. N., Conner, A., Park, H., & Suominen, A. (2016, March). Shifts in Prospective Secondary Mathematics Teachers' Beliefs about Teaching Proof. Poster presented at the University of Georgia College of Education Research Conference, Athens, GA.
- Gomez, C. N., & Conner, A. (2015, February). Prospective teachers' differing interpretations of practice: Professional identity as a lens. Presented at the 19th annual Conference of the Association of Mathematics Teacher Educators. Orlando, FL.
- Siy, E., & Gomez, C. N. (2015, February). Two instruments to discuss the influence of gender in the mathematics classroom. Presented at the 19th annual Conference of the Association of Mathematics Teacher Educators. Orlando, FL.
- Conner, A., Francisco, R. T., Gomez, C. N., Souminen, A., & Park, H. (2014, February). Prospective secondary teachers' conceptions of proof and interpretations of arguments. Presented at the 16th annual Conference on Research in Undergraduate Mathematics Education. Denver, CO.
- White, D., Rushing, F., Hussain, N., Krstina, P., Pratt, J., & Gomez, C. N. (2013, October). Identifying and supporting students' mathematical strengths. Presented at the 54th annual Georgia Mathematics Conference. Eagle Rock, GA.
- Gomez, C. N. (2012, October). Crayons and galaxies: A metaphor for looking at the relationship of beliefs and other. Presented at the 33rd annual Bergamo Conference on Curriculum Theory and Classroom Practice. Dayton, OH.

Awards and Honors

Outstanding Graduate Teaching Assistant Award – University of Georgia, May 2015

Teaching & Advising

Teaching

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Service

Service to Field of Scholarship

Editorship

- Editor, *The Mathematics* Educator (August 2014 May 2016), Volumes *24*(1)–*25*(1). University of Georgia, Athens, GA. August 2014–May 2016.
- Associate Editor, *The Mathematics Educator*, Volumes *23*(1)–*23*(2), University of Georgia, Athens, GA. August 2013–May 2014.

Manuscript Reviewer

• *The Mathematics Educator* (2014 - present)

Conference Proposal Reviewer

- Association of Mathematics Teacher Educators (2016)
- National Council of Teachers of Mathematics Research Conference (2016)

Service to Profession

Membership in Professional Organizations

- American Educational Research Association (AERA)
- National Council of Teachers of Mathematics (NCTM)
- Association of Mathematics Teacher Educators (AMTE)
- North American Association for the Psychology of Mathematics Education (PME-NA)