

APRIL M. CORDERO

Point Loma Nazarene University
San Diego, CA 92106

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EDUCATION

- Ph.D. Mathematics and Science Education** (Division of Biological Sciences) 2006
University of California, San Diego & San Diego State University
Dissertation: *Rethinking Biology Instruction: Applying DNR-based Instruction to the Learning and Teaching of Ecology*
- M.A. Teaching and Learning: Curriculum Design** (Biology Education) 2000
University of California, San Diego
Thesis: *Meaningful Science - Transforming Knowledge through Real World Connections and Computers*
- Single Subject Clear Credential** 1992
University of California, San Diego
1992 Physical Science, 1997 Life Science, 1998 CLAD
- B.S. General Biology** 1988
University of California, San Diego

APPOINTMENTS

- Dean of Educational Effectiveness** Point Loma Nazarene University, San Diego, CA 2021-...
- Interim Associate Dean for Assessment & Instruction** Point Loma Nazarene University, San Diego, CA 2020-2021
- Faculty**, Point Loma Nazarene University, San Diego, CA 2007-2021
-**Professor of Biology** (2015-present)
-**Associate Professor of Biology** (2009-2015)
-**Assistant Professor of Biology** (2007-2009)
Instructor for biology courses for both majors and non-majors, and education and biology courses for biology graduate students.
- Director of University NOW program** – College level biology for underrepresented high school students. Point Loma Nazarene University, San Diego, CA 2009-2021
- Postdoctoral Researcher**, Department of Chemistry and Biochemistry 2006-2007
University of California, San Diego
Project Goals: To identify and characterize the differences in epistemological beliefs and attitudes about chemistry among biology majors enrolled in introductory chemistry courses.

Graduate Research Associate , Mathematics and Science Education Program, University of California, San Diego	2004- 2006
Adjunct Faculty , Physics Department, San Diego State University	2003
Graduate Research Associate , Physics Department, Education focus San Diego State University	2001- 2003
Teaching Professor (formerly called Lecturer) & Secondary Science Supervisor for Science Education . Education Studies, University of California, San Diego	2000- 2001
<ul style="list-style-type: none"> • Instructor for single subject credential students • Supervisor for intern students in secondary science classrooms 	

OTHER K-16 TEACHING EXPERIENCE

Professional Development Instructor

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|---|----------------|
| • RecoEvo: Teaching Evolution to Religiously Sensitive Groups–Teachers 8-12 | 2021 |
| • San Diego Science Faith Alliance – Teachers Grades K-12 | 2012 & 2015 |
| • Biology by the Sea – Summer, Christian School Teachers Grades 6-12 | 2011, '12, '14 |
| • SDSU Learning Progressions Project – Grades 3-6 teachers | 2009 |
| • University Content Specialist, San Diego City Schools Summer Institute | 2005 & '06 |

High School Biology Teacher

Rancho Buena Vista High School, Vista, CA	1996-2000 1992-1993
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Middle School Science Teacher

Temecula Middle School, Temecula, CA Lincoln Middle School, Vista, CA	1995-1996 1991-1992
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GRANTS & CONTRACTS

Principal Investigator K. Applegate with BioLogos. Independent contractor: <u>A. Maskiewicz Cordero</u> . <i>Multiplying the Impact of the INTEGRATE Curriculum</i> . Funding from the John Templeton Foundation.	2021-2024
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Principal Investigator M. Penner, with Co-Is <u>A. Cordero</u> & A. Nichols. <i>The Science of Sex Development and its Theological Applications</i> . New Visions in Theological Anthropology (NVITA) via The John Templeton Foundation. ~\$25,000.	2020-2022
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Principal Investigator J. Jensen, with Co-Is <u>A. Cordero</u> , M. Mann, L. Meadows & K. Giberson. <i>Reconciliation – Evolution (Reco Evo): Broadening Participation 2020</i> . Howard Hughes Medical Institute. ~110,000.	2020-2022
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Principal Investigator J. Jensen, with Co-Is <u>A. Cordero</u> , M. Mann, & Karl Giberson. <i>Reconciliation Model for Evolution Acceptance</i> . Howard Hughes Medical Institute. ~150,000.	2018-2020
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- Principal Investigator A. Cordero. *Evaluation of Biology By The Sea*. The Blankenmeier Foundation. ~\$34,000. 2019
- Project Coordinator A. Cordero, for Conversations in Community at PLNU, CA. *Live United! Unity in Faith, Science and Practice*. Organized by Fuller Seminary STAR program, with funding from The Blankenmeier Foundation. ~\$25,000. 2018-2019
- Principal Investigator K. Applegate with BioLogos. Independent contractor: A. Maskiewicz Cordero. *INTEGRATE: Exploring Biology from a Christian Worldview*. Funding from the John Templeton Foundation. 2017-2020
- Principal Investigator A. Cordero. *Christian College Students' Perceptions about What They Study as Truth in the Sciences and its Relation to Faith*. Oxford Interdisciplinary Seminars in Science and Religion: Bridging the Two Cultures of Science and the Humanities, with funding from Templeton Religion Trust. ~\$17,000. 2015-2016
- Principal Investigator D. Allen, with Co-Is A. Maskiewicz, K. Sirum, G. Uno & S. Elrod. *Faculty Development Network for Undergraduate Biology*. National Science Foundation RCN-UBE, NSF DBI#1346570, \$498,000. 2014-2019
- Principal Investigator J. Batzli, with Co-Is A. Maskiewicz, L. Hartley, J. Knight, & B. Desy. *Meeting at the Threshold: Generating hypotheses for classroom research that investigates how current curricula and learning progressions address threshold concepts in genetics and evolution*. Introductory Biology Project Catalytic Mini Grant, National Science Foundation RCN-UBE, \$2000.00 2014-2015
- Principal Investigator F. Goldberg with Co-Is D. Hammer, J. Coffey, A. Maskiewicz & S. Bendall. *Learning Progressions for Scientific Inquiry: A Model Development in the Context of Energy*. National Science Foundation DRK12 #0732233, \$4,048,416.00 2008- 2012
- Principal Investigator L. Hartley with Co-Is A. Maskiewicz, C. D'Avanzo & J. Momsen. *Identifying differences in discourse and teaching about matter and energy in biology, chemistry, and physics courses, and the challenges this poses for learners of biology*. Introductory Biology Project Catalytic Mini Grant, National Science Foundation RCN-UBE, \$2000.00 2010-2011

PROFESSIONAL ACTIVITIES

- BioLogos Board of Directors (2021 – present)
- Advisory Committee member for AAAS Dialogue on Science, Ethics, & Religion (2021 – present)
- Advisory Board member for IGELS: The national network for the Improvement of General Education Life Science courses. (2020-present)
- Advisory Board member, Science for the Church. <https://scienceforthechurch.org> (2020-present)
- BioLogos Advisory Council member. (2019 – 2021)
- Advisory Board member, *Developing the Inventory of Biotic Climate Literacy (IBCL)*. PI's Emily Holt and Julie Sexton, University of Northern Colorado. NSF Funded. (2018-2021)

Advisory Board member, Gordon Research Conference for Undergraduate Biology Education Research. (2015-2020)

SCIO Visiting Scholar at Oxford University, UK. Project: *Oxford Interdisciplinary Seminars in Science and Religion: Bridging the Two Cultures of Science and the Humanities*, organized by SCIO with funding from Templeton Religion Trust. (2015-2016)

Steering Committee member and Conference co-organizer for Introductory Biology Education Specialists Group. Supported by an NSF Research Coordination Network in Undergraduate Biology Education grant. (2010 – 2011, 2013)

Faculty Collaborator, NSF/DUE/CCLI award titled: Diagnostic Question Clusters to Improve Student Reasoning and Understanding in General Biology Courses, (2008-2010)

BOOKS, REFEREED CHAPTERS, & CURRICULA

Cordero, A., Work, T. & Estes, D. (in press). *What about evolution? A biologist, pastor, and theologian answer your Q's*. Cascade Books.

Maskiewicz Cordero, A. (submitted). Bridging the Two Cultures in the Classroom. In Donaldson, S. & Hill, J. (Ed), *Beyond Conflict and Independence: Bridging the Two Cultures of Science and Religion*.

Applegate, K., Maskiewicz Cordero, A., Hemphill, C., Bodbyl Roels, S. & Sweeney, D. (2021). *BioLogos INTEGRATE: A teacher's resource for exploring biology from a Christian worldview*. Online: <https://biologos.org/biologos-integrate>

Watkins, J., Coffey, J., Maskiewicz, A. & Hammer, D. (2017). An account of teachers' epistemological progress in science. In G. Schraw, J. Brownlee, L. Olafson & M. VanderVeldt (Eds.), *Teachers' Personal Epistemologies: Evolving Models for Transforming Practice*. Charlotte, NC: Information Age Press.

Maskiewicz, A. (2015). Navigating the Challenges of Teaching Responsively: An Insider's Perspective. In A. Robertson, R. Scherr & D. Hammer (Eds.), *Responsive Teaching in Science & Mathematics* (pp.105-125). New York: Routledge.

Lodahl, M. E., & Maskiewicz, A. C. (2014). *Renewal in Love: Living Holy Lives in God's Good Creation*. Kansas City: Beacon Hill Press

REFEREED PAPERS

Cordero, A., Edman, L., Elwin, S., Beavis, Z., Mathews, T. & Ostrander, T. (in revision). Evolution and the Religious College Student: Issues in Teaching and Mentoring. *CBE-Life Sciences Education*.

Tolman, E.R., Ferguson, D.G., Mann, M., Cordero, A. & Jensen, J. (2020). Reconciling Evolution: Evidence from a biology and theology course. *Evolution: Education and Outreach*, 13(1), 1-8.

Lindsay, J., Arok, A., Bybee, S., Cho, W., Cordero, A., Ferguson, D., Galante, L., Gill, R., Mann, M., Peck, S., Shively, C., Stark, M., Stowers, J., Tenneson, M., Tolman, E., Wayment, R. & Jensen, J. (2019). Using a Reconciliation Model Leads to Large Gains in Evolution Acceptance. *CBE-Life Sciences Education*, 18(4), ar58.

- Menke, B. & Maskiewicz Cordero, A. (2017). Young Adult Faith Leaders' Approach to the Evolution and Faith Dialogue. *Proceedings of the National Conference on Undergraduate Research (NCUR)*.
- Maskiewicz, A. C. (2017). Succeeding in Science. *BioScience*, 67(4), 392-393.
- Batzli, J., Knight, J., Hartley, L. Maskiewicz, A., & Desy, E. (2016). Crossing the threshold: Bringing biological variation to the foreground. *CBE-Life Sciences Education*, 15(4), es9.
- Silva, M. & Maskiewicz, A. (2016). Understanding Causal Relationships in Food Webs Using Data Rich Problem Tasks. *American Biology Teacher*, 78(8), 635-641.
- White, J. & Maskiewicz, A. (2014). Understanding Cellular Respiration in terms of Matter and Energy within Ecosystems. *American Biology Teacher*, 76(6), 408-414.
- Maskiewicz, A. & Lineback, J. (2013). "Misconceptions are so yesterday". *CBE-Life Sciences Education*, 12,(3), 352–356.
- Maskiewicz, A. (2013, April). *Navigating the Challenges of Teaching Responsively: An Insider's Perspective*. Paper presented at National Association of Research in Science Teaching - San Juan, Puerto Rico.
- Maskiewicz, A. & Winters, V. (2012). Understanding the Co-Construction of Inquiry Practices: A Case Study of a Responsive Teaching Environment. *Journal of Research in Science Teaching*, 49(4), 429-464.
- Maskiewicz, A., Griscom, H. & Welch, N. (2012). Using targeted active-learning exercises and diagnostic question clusters to improve students' understanding of carbon cycling in ecosystems. *Life Sciences Education; CBE*, 11, 58-67.
- Hartley, L., Momsen, J., Maskiewicz, A. & D'Avanzo, C. (2012). Energy and matter: Differences in discourse in physical and biological sciences can be confusing for introductory biology students. *BioScience*, 62(5), 488-496.
- Alvarado, M. & Maskiewicz, A. (2011). Teaching High School Physiology Using a Popular TV Medical Drama. *The American Biology Teacher*, 73(6), 322-328.
- Maskiewicz, A. & Winters, V. (2010). Interpreting elementary science teacher responsiveness through epistemological framing. In Gomez, K., Lyons, L., & Radinsky, J. (Eds.) *Learning in the Disciplines: Proceedings of the 9th International Conference of the Learning Sciences (ICLS 2010)* - Volume 1, Full Papers. International Society of the Learning Sciences: Chicago IL.
- Maskiewicz, A. (2006). *Applying DNR-based instruction to the learning and teaching of ecology*. Paper presented at Annual Conference of the National Association of Research in Science Teaching – San Francisco, California.
- Maskiewicz, A., Guelman, C., & Goldberg, F. (2004). *Teachers' understanding of their role as learning facilitators in "making sense" discussions*. Paper presented: National Association of Research in Science Teaching –Vancouver, Canada.

Fisher, K. & Maskiewicz, A. (2002). *A blended model for college science teaching on the internet: As affordable and time-convenient but more interactive than lectures.* Paper presented at the American Association for the Advancement of Science – Pacific Division, Hawaii.

BLOG POSTS, NEWS/MAGAZINE ARTICLES, OTHER

Maskiewicz Cordero, A. (2022). Have humans stopped evolving?, Are there any limits to what we can do with science?, and What came first, the chicken or the egg? In L. Henderson & S. Bryant (Eds.), *101 Great Big Questions*. UK: SPCK Publishing.

Maskiewicz Cordero, A. (Jan 19, 2022). Tips for Teaching Controversial Science Content. *The CACE Roundtable*. Article posted at: <https://cace.org/tips-for-teaching-controversial-science-content/>

Maskiewicz Cordero, A. (Oct 21, 2020). *Climate Conversations: Here's How to Do It Better*. Article posted at: <https://biologos.org/articles/climate-conversations-heres-how-to-do-it-better>

Maskiewicz Cordero, A. (October 31, 2019). Common objections to Christianity (part 1), Evolution and Creation question. *The Christian Post*. <https://www.christianpost.com/news/common-objections-to-christianity-part-1.html?page=1>

Maskiewicz Cordero, A. (2019). Dividing the church over evolution? *Adventist Today*, 27(3), 22-25.

Maskiewicz Cordero, A. (2019). Captivated by the Elegant Mechanisms of Creation. *Called To Science*. <http://calledtoscience.org/>

Maskiewicz Cordero, A. (April 4, 2018). *The Joys and Challenges of Teaching Evolution to Christians—as a Christian*. Blog post at <https://biologos.org/blogs/guest/the-joys-and-challenges-of-teaching-evolution-to-christians-as-a-christian>

PROFESSIONAL CONFERENCE PRESENTATIONS

Penner, M., Cordero, A. & Nichols, A. (2021). *Biological Sex and the Human Person*. Paper presentation at American Association of Religion - NViTA Science-Engaged Theology Autumn Workshop, San Antonio, Texas.

Maskiewicz Cordero, A. (2019, June). *Success in Evolution Acceptance among the Religious*. Poster presented at the Undergraduate Biology Education Research Gordon Research Conference, Lewiston, Maine.

Maskiewicz Cordero, A. (2018, May). *Identifying factors that influence students' perceptions of the compatibility of faith and evolution*. Paper presentation at The Canadian Scientific and Christian Affiliation conference, Langley, Canada.

Menke, B. & Maskiewicz Cordero, A. (2017, April). *Understanding factors that influence young adult leaders in their guidance of young adults regarding perceptions of the compatibility of origins issues and the Christian faith*. Paper presentation at National Conference on Undergraduate Research. Memphis, TN.

- Steele, T., Semmler, L., Beavis, Z. and Maskiewicz, A. (2016, February). *The Science and Religion Club at Point Loma Nazarene University*. Poster presentation at The American Scientific Affiliation's 2016 Winter Day Conference: Practical Applications of Faith and Science, Southern California Christians in Science Chapter. Pasadena, CA.
- Maskiewicz, A., Marbach-Ad, G., Allen, D., Elrod, S., Sirum, K. & Uno, G. (2015, April). *Developing, supporting, and sustaining a national professional developer network to enhance undergraduate biology education (NSF RCN-UBE)*. Poster presentation at National Association of Research in Science Teaching Annual International Conference – Chicago, IL.
- White, J. & Maskiewicz, A. (2014, Nov). *Ecospheres! Engaging Students in Energy and Matter Dynamics in Ecosystems*. Presentation at the National Science Teachers Association annual conference – Long Beach, CA.
- Maskiewicz, A. (2013, August). *Applying Education Theory to Conduct Ecology Education Research: What does that mean?* Presentation in Symposium titled: “Using Education Theory: Learning From the Past to Shape the Future of Ecology Teaching” at the Ecological Society of America's 98th Annual Conference – Minneapolis, MN.
- D'Avanzo, C. & Maskiewicz, A. (2013, August). *How to Use Teaching Issues and Experiments in Ecology (TIEE) in Your Teaching and to Publish in TIEE*. Organized Workshop presented at the Ecological Society of America's 98th Annual Conference – Minneapolis, MN.
- Maskiewicz, A., Vanderburg, D., & Powell, L. (2012, August). **Helping students develop principle-based accounts of ecosystem functioning; A study of the effectiveness of an instructional intervention*. Poster presented at the Ecological Society of America's 97th Annual Conference – Portland, OR.
*Poster also presented at Society for the Advancement of Biology Education, 2nd Annual Conference – Minneapolis, MN (2012, July).
- D'Avanzo, C., Hartley, L. & Maskiewicz, A. (2012, August). *How to Use Teaching Issues and Experiments in Ecology (TIEE) in Your Teaching and to Publish in TIEE*. Organized Workshop presented at the Ecological Society of America's 97th Annual Conference – Portland, OR.
- Goldberg, F., Bendall, S., Hammer, D., McKean, M., Coffey, J., Maskiewicz, A., Lineback, J. & Jaber, L. (2012, November). *Browser-based resource for responsive teaching in science: A product of the Learning Progressions in Scientific Inquiry Project*. Poster presented at Discovery Research K-12 meeting – Washington, D.C.
- Maskiewicz, A., Schramm, J., Doherty, J. & D'Avanzo, C. (2011, August). *Using Qualitative Information to Improve Your Teaching and In Your Research: An Introduction to Conducting and Analyzing Interviews*. Organized Workshop presented at the Ecological Society of America's 95th Annual Conference - Austin, Tx.
- Michelotti, R. & Maskiewicz, A. (2011, October). *Context-based Learning of Genetics by Means of Authentic Practice*. Poster presented at the National Association of Biology Teachers, Professional Development conference - Anaheim, CA.

- Coffey, J. & Maskiewicz, A. (2010, November). *The Dynamics of Progress: A case study of elementary teachers' engagement in science*. Poster presented at Discovery Research K-12 meeting – Washington, D.C.
- Maskiewicz, A., Griscom, H. & Welch, N. (2010, August). *Using active-learning strategies to address student misunderstandings of global climate change*. Presentation in Symposium titled: “Where's the Carbon? - Increasing Public Understanding of Global Warming with Improved College Science Education” at the Ecological Society of America's 95th Annual Conference – Pittsburgh, Pennsylvania.
- Maskiewicz, A. & Winters, V. (2010, June). *Interpreting elementary science teacher responsiveness through epistemological framing*. Paper presented at the Ninth International Conference of the Learning Sciences – Chicago, IL.
- Anderson, D. & Maskiewicz, A. (2009, October). *Getting your Students thinking and talking about biology*. Presentation at the California Science Education Conference - Palm Springs, California.
- Griscom, H., Maskiewicz, A. & Welch, N. (2009, August). *Using DQCs and active learning strategies to assess ecology students' alternative conceptions about carbon cycling in ecosystems*. Poster presented at the Ecological Society of America's 94th Annual Conference – Albuquerque, New Mexico.
- Hartley, L., Anderson, C.W., Wilke, B., Schramm, J., D'Avanzo, C., Abraham, B., Arnett, A., Dickman, A., Griscom, H., Maskiewicz, A. and Picone, C. (2009, August). *Student Reasoning Related to Matter and Energy Flow through Ecosystems: Lessons from Diagnostic Question Clusters*. Poster presented at the Ecological Society of America's 94th Annual Conference – Albuquerque, New Mexico.
- Maskiewicz, A. (2009, July). *Using Data-rich Problem Tasks to Facilitate Students' Deep Understanding and Promote Biological Ways of Thinking*. Poster presented at Transforming Undergraduate Education in Biology: Mobilizing the Community for Change Conference – Washington, D.C.
- Goldberg, F., Hammer, D., Coffey, J., Bendall, S. & Maskiewicz, A. (2009, June). *Learning Progressions in Scientific Inquiry*. Poster presented at Discovery Research K-12 meeting – Washington, D.C.
- Maskiewicz, A. & Sawrey, B. (2007). *Comparing First Year Science Majors Survey Responses on Colorado's CLASS-Chem with Interview Data*. Poster presented at Gordon Research Conference: Chemistry Education Research and Practice – Lewiston, Maine.
- Goldberg, F., Williams, B., Maskiewicz, A. (2004). *Which falls faster, a bowling ball or a soccer ball? -- A study of a small group learning about falling objects*. Presentation at Conference: Integrating Science & Math Education Research into Teaching - Orono, Maine.
- Guelman, C., Goldberg, F. & Maskiewicz, A. (2004). *Teachers' Implementation of the Constructing Ideas in Physical Science (CIPS) Curriculum*. Poster presented at CCMS Knowledge Sharing Institute – Evanston, Illinois.
- Maskiewicz, A. & Goldberg, F. (2002). *CIPS - A middle school physical science curriculum: Challenges in promoting student learning and teacher implementation*. Presentation at Conference: Integrating Science & Math Education Research into Teaching – Orono, Maine.

INVITED LECTURES, PRESENTATIONS, MEDIA, & PANELS

- 2020, October. *What if we gave up some science content time to focus on how to reconcile science with faith?* Invited speaker at 2020 PCCE Educators' Convention. Virtual meeting: <https://pheedloop.com/2020pcceconvention/site/home/>
- 2020, September. *Teaching the Harmony between Biblical Faith and Science*. Invited speaker at Edvance Back to School Bootcamp. Virtual conference: <https://www.edvance.ca/admin/edvance-back-to-school-bootcamp-2020-links>
- 2020, March. *Finding the believer's place in the scientific world*. Invited speaker at Science and Faith By The Sea. Science and Faith Alliance with Urban Youth Collaborative. San Diego, CA.
- 2020, February. *Creation Care: Educating with Evidence and Hope*. Invited Keynote Address, ASA Southern California Winter Day Conference. Azusa, CA.
- 2020, January. *Teaching in the Tension*. Language of God, BioLogos Podcast. <https://biologos.org/podcast-episodes/april-cordero-teaching-in-the-tension/>
- 2019, July. *Teaching High School Science from a Christian Worldview*. Education Workshop at American Scientific Affiliation Conference. Wheaton, IL
- 2019, April. *Darwin & Christianity*. Invited speaker at Samford University. Homewood, AL.
- 2019, March. *Teaching High School Science from a Christian Worldview*. Education Workshop at BioLogos Conference. Baltimore, MD
- 2019, February. *Opportunities, needs, and challenges of addressing difficult science issues in the CCCU*. Invited speaker at Bridging Two Cultures Colloquium. St. Petersburg, FL.
- 2018, December. *The Harmony between Faith and Science*. Invited speaker at Urbana, 2018. St. Louis, MO.
- 2018, May. *A Lifetime of Joy*. Graduation Keynote Address: Making the Point. Point Loma Nazarene University, San Diego, CA.
- 2018, January. *Exploring the Coexistence of Evolution and Christianity*. Invited Plenary speaker for the Methodist Church of Virginia at the 2018 Bishop's Convocation: Where Faith and Evolution meet. Glen Allen, VA.
- 2017, December. First Fridays at PLNU: *Evolution Acceptance & Personality Traits: A Biologist Attempting to Do Social Science and Psychology Research*. San Diego, CA
- 2017, November. *Exploring Evolutionary Creation*. Invited speaker at Loma Linda University, Riverside, CA.
- 2017, November. "...everything but humans", *On Accepting Evolution*. Invited speaker at Loma Linda University, Riverside, CA.

- 2017, October. Branch Out Chapel speaker. *Reconciling Science and Faith*. Point Loma Nazarene University.
- 2017, October. President's Breakfast keynote speaker. Point Loma Nazarene University.
- 2017, April. *Teaching the Wonder: Why Christians should study evolutionary biology*. Science and Belief, Faraday institute Podcast. <https://scienceandbelief.org/?s=maskiewicz>
- 2017, March. *Nosing Around the Genome: Evidence for evolution*. Keynote speaker at BioLogos Conference, Houston, TX. <https://www.youtube.com/watch?v=F2KGu-ZaQ7I>
- 2017, March. *There Really IS Evidence for Evolution*. Invited speaker at Oklahoma Christian University. Oklahoma City, OK.
- 2017, March. *Why I Believe*. Invited speaker at Oklahoma Christian University Chapel. Oklahoma City, OK.
- 2016, November. *Why I Believe*. Invited speaker at Point Loma Nazarene University's Chapel. San Diego, CA.
- 2016, August. "Doctor is In" *The PLNU Way: Why I Chose PLNU and Why PLNU Chose Me*. Panel discussion for new faculty at PLNU, San Diego, CA.
- 2016, March. *God's Earth in Crisis*. Nazarene Theological Seminary, Indiana and San Diego.
- 2016, February. *The E Word*. Invited TEDxPLNU presentation. San Diego, CA.
- 2016, January. *Creation Care: Hearing God's Heart, Responding to God's Call*. Invited speaker at Journey Church, San Diego, CA.
- 2015, November. *Oxford Experience, July 2015*. Invited speaker at the Point Loma Nazarene University Wesleyan Center Scholar Talks, San Diego, CA.
- 2015, November. *Teaching scientific reasoning skills using data sets*. Invited speaker at Science & Faith Alliance Foundation's Science Teachers Professional Development Day. Horizon Preparatory School, Rancho Santa Fe, CA.
- 2014, June. *Faith and Science Forum: Reconciling faith and Biological Evolution*. Invited speaker at Mission Hills United Church of Christ, San Diego, CA
- 2014, February. *The Burden*. Film panel discussant with Congressman Scott Peters, Andrea Marr with the Truman National Security Project, Dr. Rosco Williamson with PLNU, and Nicole Capretz with the City of San Diego. San Diego, CA.
- 2014, April. *Hope For Our Energy Future*. Invited speaker at Creation Care forum, Solana Beach Presbyterian Church.
- 2014, March. *Faith and Science Forum: Reconciling faith and Biological Evolution*. Invited speaker at University City United Church of Christ, San Diego, CA

- 2013, Nov. *Organizing your Active Learning Curriculum*. Guest speaker for the new faculty seminar, organized by the Center for Teaching and Learning at Point Loma Nazarene University
- 2013, Sept. *Faithful Science Seminar: Viewing Creation through the lenses of Science & Faith*. Presenter and panel discussant at New Life Nazarene Church in Cupertino, CA.
- 2012, Dec. *Bag it*. Panel discussant for a film presentation sponsored by the SEA club at Point Loma Nazarene University
- 2012, Nov. *Organizing your Active Learning Curriculum*. Guest speaker for the new faculty seminar, organized by the Center for Teaching and Learning at Point Loma Nazarene University
- 2012, Sept. *When Heaven Meets Earth* with Susan Emmerich. Panel discussant for a video presentation sponsored by the SEA club at Point Loma Nazarene University
- 2012, July, *From The Dust* movie preview. Panel discussant for video presentation sponsored by the American Scientific Affiliation.
- 2012, June. *Genesis Colloquium: How do our institutions teach origins of life from a Christ-centered and biblically-integrative perspective?* Invited speaker with PLNU President Robert Brower, PLNU Provost Kerry Fulcher, and Biologos' president Darrel Falk. Biola University.
- 2012, April. *Creation Care Event - The Church and the State Confront Climate Change: As Allies or Adversaries?* Presenter and panel member at Solana Beach Presbyterian Church.
- 2010, Aug. *Creating a Community in your Classroom*. Panel member in discussion organized by the Center for Teaching and Learning at Point Loma Nazarene University convocation.
- 2010, June. *Student Challenges in Learning about Global Climate Change*. Presenter/Consultant for Science Education Association of San Diego (SEASAND) planning meeting. San Diego, California.
- 2010, June. *Engaging students through active learning*. Invited speaker for Technology Integrated Learning Environments (TILE) workshop on Understanding and Supporting Motivation in Students. Point Loma Nazarene University.
- 2010, April. *Creating a Community in your Classroom*. Panel member in discussion organized by the Center for Teaching and Learning at Point Loma Nazarene University.
- 2009, Nov. *Implementing Active Learning Strategies for the DQC Project*. Presentation at the Diagnostic Question Cluster, Cohort 2, Workshop. Detroit, Michigan.
- 2009, Aug. *Implementing Active Learning Strategies for the DQC Project*. Presentation at the Diagnostic Question Cluster Workshop at the Ecological Society of America's 94th Annual Conference – Albuquerque, New Mexico.
- 2007, Nov. *Using DNR in the classroom*. Guest speaker for Mathematics Education Seminar, University of California, San Diego – San Diego, California.

2006, Oct. *The application of DNR based instruction to the ecology classroom*. Guest speaker for Mathematics and Science Education Seminar, University of California, San Diego – San Diego, California.

2006, Aug. *The application of DNR based instruction to the ecology classroom*. Invited Speaker for graduate level ecology course, Point Loma Nazarene University, San Diego, CA.

PROFESSIONAL HONORS

BioLogos Board of Directors (2021 – present)

American Scientific Association Fellow (2019 – present)

BioLogos Advisory Council (2019 – 2021)

Excellence in Teaching Award, PLNU (2018-19)

BioLogos Voices speaker's bureau (2016 – present)

Teachers Noticing Teachers professor (PLNU, Fall 2010)

Jean Fort Dissertation Prize (UCSD, 2006)

Academic Honors: Honor Society Phi Kappa Phi (2002-2006)

TA Excellence in Teaching Award (UCSD Biology Dept) (2004-2005)

Recognition for the Athena Pinnacle Educator Award – Educational Nominee (2000)