

STACY A. TRASANCOS, Ph.D.

stacytrasancos@msn.com ~ stacy.trasancos@shu.edu

Personal Website: <http://stacytrasancos.com/>

Voice or text: 774-287-9171

PERSONAL DATA

United States citizen; Married to Jose Luis Trasancos III, business owner; mother of seven

EDUCATION

HOLY APOSTLES COLLEGE AND SEMINARY, Cromwell, CT
MA, Dogmatic Theology, Summa cum laude, 2014

PENNSYLVANIA STATE UNIVERSITY, University Park, PA
PhD, Chemistry, 1999

EAST TEXAS STATE UNIVERSITY, Commerce, TX
BS, Broadfield Science, 1991

PROFESSIONAL EXPERIENCE

SETON HALL UNIVERSITY, South Orange, NJ Spring 2017
Adjunct Professor, Catholic Theology of Science

HOLY APOSTLES COLLEGE AND SEMINARY, Cromwell, CT 2014 - present
Adjunct Professor, Science in the Light of Faith / Chemistry

KOLBE ACADEMY, Napa, CA 2014 - present
Chemistry/Physics Instructor, Science Department Chair (2104-2016)

CATHOLIC STAND (Internet Publication) 2013 - present
Co-founder

IGNITUM TODAY (Internet Publication) 2011 - present
Co-founder, Editor

CATHOLIC FREE PRESS, Worcester, MA 2010 - 2014
Columnist

HOMEMAKER 2003 - 2010
Household Management/Homeschool Educator

E. I. DUPONT DE NEMOURS & CO., INC., Waynesboro, VA 1998 - 2003
Senior Research Chemist

PENNSYLVANIA STATE UNIVERSITY, University Park, PA 1995 - 1998
Research Assistant, Ph.D. Candidate

PENNSYLVANIA STATE UNIVERSITY, University Park, PA 1994 - 1995
Organic Chemistry Lab Instructor

WITCO CORPORATION, Fort Worth, TX <i>Intern Chemist</i>	Summer 1994
UNIVERSITY OF TEXAS, Commerce, TX <i>General Chemistry Lab Instructor</i>	1993 - 1994
ATHENS HIGH SCHOOL, Athens, TX <i>Chemistry Teacher</i>	1991 - 1993

AWARDS

SCIENCE IN SEMINARIES

US Roman Catholic Major Seminaries Pre-Theology & College Programs
Templeton Grant from John Carroll University
Develop "Reading Science in the Light of Faith" course at Holy Apostles, Fall 2016

RE-ENGAGING SCIENCE IN SEMINARIES ESSAY COMPETITION

US Roman Catholic Major Seminaries Pre-Theology & College Programs
"These Thy Atoms" – Published at *Integrated Catholic Life*™ [Site](#)

COURSES TAUGHT

Holy Apostles College & Seminary

SCM220: Chemistry
SCM221: Chemistry Lab
APO565: Reading Science in the Light of Faith

Seton Hall University

CAST 3005: Catholic Theology of Science
CORE 3474: Catholic Theology of Science

Kolbe Academy

Chemistry
Physics
AP Chemistry
AP Physics 1
Introduction to Physics and Chemistry

MEDIA APPEARANCES

Radio: Frequent guest on Catholic radio, including SiriusXM The Catholic Channel, Relevant Radio, Redeemer Radio, Ave Maria Radio, Radio Maria, EWTN Global Catholic Network, Catholic Answers Live, and Breadbox Media.

Television: Featured on *Subject Matters* with Sebastian Gomes on Salt & Light TV and *Catholic Answers Live* EWTN episodes.

Articles: National Catholic Register, Catholic Answers, U.S. Catholic, St. Austin's Review, Catholic World Report, BioLogos, Integrated Catholic Life, Strange Notions, and various Catholic websites.

TECHNOLOGY SKILLS

- **Software:** Microsoft Word, Excel, and PowerPoint
- **Operating System:** Windows

- **Learning Management System:** Blackboard, Populi, Schoology
- **Internet Meeting:** Adobe Connect, GoToMeeting
- **Direct Publishing:** Amazon Kindle
- **Website Platform:** Word Press and Blogger
- **Website Design:** Solostream Theme Designs
- **Host Server Maintenance:** Blue Host
- **Social Media:** Facebook, Twitter, LinkedIn
- **Highly skilled in online delivery of science courses**

INTERNET PRESENCE

- **Professional Website:** <http://stacytrasancos.com/>
- **Facebook:** <http://www.facebook.com/strasancos>
- **Twitter:** <http://twitter.com/StacyTrasancos>

PROFESSIONAL MEMBERSHIPS

ITEST (Institute for Theological Encounter with Science and Technology) <i>Board Member</i>	June 2014 - present
Fellowship of Catholic Scholars <i>Member</i>	January 2015 - present
Academy for the Advancement of Science (AAAS) <i>Member</i>	January 2015 - present
Society of Catholic Scientists <i>Member</i>	January 2017 - present

SPEAKING ENGAGEMENTS

1. "Science in the Light of Faith: Biological and Physical Science Questions," Kolbe Academy, Napa, CA, Online (August 15, 2016).
2. "Science Without Faith is Like Eyeballs Without a Face," Fellowship of Catholic Scholars 39th Convention: Science and Faith, Loews Madison Hotel, Washington DC (September 24, 2016).
3. "Why Scientific Literacy is Necessary for Evangelization," Holy Apostles College and Seminary, Cromwell, CT (October 28, 2016).
4. "Science Without Faith is Like Eyeballs Without a Face," Montfort Academy, Mt. Vernon, NY (March 5, 2017).
5. "These Thy Atoms: The Beauty and Symmetry in Chemistry," (Lab Session/Teacher Training Presentation) Notre Dame Seminary – Graduate School of Theology, New Orleans, LA (June 18-23, 2017).
6. "Evangelizing Through Science," Legatus, Napa Valley Chapter, Napa, CA (August 16, 2017).
7. "Why Science Draws People Away from the Church, and What to Do About It," Holy Family Parish, Lindale, TX (September 21, 2017).
8. "The Tough Questions About Evolution," Holy Family Parish, Lindale, TX (September 28, 2017).
9. "The Integration of Faith and Science," St. John Paul II High School & St. Francis Xavier Preparatory School, Hyannis, MA (October 11, 2017).
10. "You Don't Have to Know God to Be Pro-Life," Keynote Address, Life Choices, Inc., Philipsburg, NJ (October 12, 2017).
11. "Particles of Faith: Evangelizing Through Modern Science in a Culture Longing for Truth," Catholic Professional Network, Diocese of Tyler, TX (November 30, 2017).

12. "The Role of Christianity in the Development of Modern Science," University of Toronto, Newman Center, Toronto ON (March 8, 2018).
13. Catholic Answers Conference 2018: Faith and Science, Hyatt Regency La Jolla, San Diego, CA. (September 27-29, 2018).

PUBLICATIONS

➤ Refereed Chemistry Journal Publications

1. T. Cassagneau, S. A. Johnson (Trasancos), J. H. Fendler, and T. E. Mallouk, "Self-Assembled Diode Junctions Prepared from a Ruthenium Tris(Bipyridyl) Polymer, n-Type TiO₂ Nanoparticles and Graphite Oxide Sheets," *Advanced Materials*, 12, pp. 1363-1366 (2000). [PDF](#)
2. S. A. Johnson (Trasancos), P. J. Olliver, and T. E. Mallouk, "Ordered Mesoporous Polymers of Tunable Pore Size From Colloidal Silica Templates," *Science* 283, pp. 963-965 (1999). [PDF](#)
3. D. M. Kaschak, S. A. Johnson (Trasancos), C. C. Waraksa, J. Pogue, and T. E. Mallouk, "Artificial Photosynthesis in Lamellar Assemblies of Metal Poly(pyridyl) Complexes and Metalloporphyrins," *Coordination Chemistry Reviews*, 185-186, pp. 403-416 (1999). [PDF](#)
4. D. M. Kaschak, S. A. Johnson (Trasancos), D. Hooks, H.-Nyun Kim, M. D. Ward, and T. E. Mallouk, "Chemistry on the Edge: A Microscopic Analysis of the Intercalation, Exfoliation, Edge Functionalization, and Monolayer Surface Tiling Reactions of a-Zirconium Phosphate," *Journal of the American Chemical Society*, 120, pp. 10887-10894 (1998). [PDF](#)
5. S. A. Johnson (Trasancos), D. Khushalani, G. A. Ozin, T. E. Mallouk, and N. Coombs, "Polymer Mesofibres," *Journal of Materials Chemistry*, 8, pp. 13-14 (1998).
6. S. A. Johnson (Trasancos), E. S. Brigham, P. J. Ollivier, and T. E. Mallouk, "The Effect of Pore Topology on the Structure and Properties of Zeolite Polymer Replicas," *Chemistry of Materials*, 9, pp. 2448-2458 (1997). [PDF](#)
7. S. W. Keller, S. A. Johnson (Trasancos), E. S. Brigham, E. H. Yonemoto, and T. E. Mallouk, "Photoinduced Charge Separation in Multilayer Thin Films Grown by Sequential Adsorption of Polyelectrolytes," *Journal of the American Chemical Society*, 117, pp. 12879-12880 (1995).

➤ Chemistry Book Publications

1. J. E. Boliek, and S. A. Denney (Trasancos), "Elastomeric Fibers," in *Encyclopedia of Polymer Science and Technology*, M. F. Herman, John Wiley & Sons, pp. 454-457 (2007, 2013). [Ebook](#)
2. S. A. Johnson (Trasancos), "Optimizing Technology," in *Chemistry in the Community*, American Chemical Society, Maximillan, pp. 230-231 (2002). [Ebook](#)
3. S. A. Trasancos, *Electron and Proton Transfer Assemblies and New Porous Materials from Nanometer-Scale Building Blocks*, Doctoral Dissertation, The Pennsylvania State University, Eberly College of Sciences, Doctor of Philosophy (1999).
4. S. W. Keller, S. A. Johnson (Trasancos), E. H. Yonemoto, E. S. Brigham, G. B. Saupe, and T. E. Mallouk, "Photochemically Induced Charge Separation in Electrostatically Constructed Organic-Inorganic Multilayer Composites," in *Photochemistry and Radiation Chemistry: Complementary Methods for the Study of Electron Transfer*, Advanced Chemistry Series 254 (Photochemistry and Radiation Chemistry), D. G. Nocera and J. S. Wishart, Eds., pp. 359-379 (1998).
5. T. E. Mallouk, S. W. Keller, C. M. Bell, H.-G. Hong, H.-N. Kim, Y. I. Kim, D. M. Kaschak, D. L. Feldheim, P. J. Ollivier, and S. A. Johnson (Trasancos), "Self-Assembly of Nanostructures from Inorganic Building Blocks," *Proceedings of the Robert A. Welch Conference on Chemical Research XXXIX Nanophase Chemistry*, pp. 123-137 (1995).

➤ Catholic Article Representative Publications

1. S. A. Trasancos, Collection of articles for *Catholic Answers* (March 2017 to present). [Site](#)
2. S. A. Trasancos, Collection of articles for the *National Catholic Register* (May 2016 to present). [Site](#)
3. S. A. Trasancos, Collection starting for *Catholic World Report* (September 2017 to present). [Site](#)
4. S. A. Trasancos, Collection of articles for the *Integrated Catholic Life*TM (May 2014 to present). [Site](#)

5. S. A. Trasancos, Collection of articles for *Strange Notions* (January 2013 to present). [Site](#)
6. S. A. Trasancos, "Does the Big Bang Prove God?" *St. Austin's Review*, St. Augustine's Press, forthcoming November 2017.
7. S. A. Trasancos, "Does Your Mind Wander When You Pray?" *Shalom Tidings* (June/July 2015), 19.
8. S. A. Trasancos, "Fr. Jaki and the Stillbirths of Science," *St. Austin's Review*, St. Augustine's Press, pp. 11-13 (May/June 2014). [Site](#)
9. S. A. Trasancos, "Five Things About Homeschooling I Didn't Expect," *Global Student Network* (August 2013). [Site](#)

*Various publications:

➤ **Catholic Book Publications**

1. S. A. Trasancos, "The Most Successful Woman in the World," in *Big Hearted: Inspiring Stories from Everyday Families*, Scepter Publishers, pp. 57-61(2013). [Ebook](#)
2. S. A. Trasancos, *Science Was Born of Christianity: The Teaching of Fr. Stanley L. Jaki*, The Habitation of Chimham Publishing (2013). [Ebook](#)
3. S. A. Trasancos, *Science Was Born of Christianity: The Teaching of Fr. Stanley L. Jaki*, Master's Thesis, Holy Apostles College and Seminary (2014).
4. S. A. Trasancos, *Particles of Faith: A Catholic Guide to Navigating Science*, Ave Maria Press, release October 2016.
5. S. A. Trasancos, *20 Answers Bioethics*, Catholic Answers, in progress.
6. S. A. Trasancos, *Elements and Angels: Life Among the Invisible*, in progress.

ALL APPROPRIATE REFERENCES WILL BE PROVIDED UPON REQUEST.