

# STACY A. TRASANCOS, Ph.D.

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

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

Voice or text: 774-287-9171

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## 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*

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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*<sup>TM</sup> [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**

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. Featured on *Subject Matters* with Sebastian Gomes on Salt & Light TV.

### **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) <b>Board Member</b>	June 2014 - present
Fellowship of Catholic Scholars <b>Member</b>	January 2015 - present
Academy for the Advancement of Science (AAAS) <b>Member</b>	January 2015 - present
Society of Catholic Scientists <b>Member</b>	January 2017 - present

### 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 TiO<sub>2</sub> 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  $\alpha$ -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 the *National Catholic Register* (May 2016 to present). [Site](#)
2. S. A. Trasancos, Collection of articles for the *Integrated Catholic Life*<sup>TM</sup> (May 2014 to present). [Site](#)
3. S. A. Trasancos, Collection of articles for *Strange Notions* (January 2013 to present). [Site](#)
4. S. A. Trasancos, "Does Your Mind Wander When You Pray?" *Shalom Tidings* (June/July 2015), 19.
5. 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](#)
6. 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.

**ALL APPROPRIATE REFERENCES WILL BE PROVIDED UPON REQUEST.**