

**Gregory R. Smith**  
Biology Department  
St. Mary's College of California  
Moraga, CA. 94575

***Teaching Experience***

2016                    Visiting Professor (sabbatical leave), Warwick University School of  
Medicine and University Hospital Coventry Warwickshire, England

2016                    Postgraduate Course in Emergency Medicine, University Hospital  
Coventry Warwickshire

2009                    Visiting Professor (sabbatical leave), Warwick University School of  
Medicine, England

2009                    Visiting Professor, St. George's Medical School, Grenada

2009                    Urology Postgraduate Course, University Hospital Coventry  
Warwickshire, England

1981 - present        St. Mary's College, 1997 - promoted to Full Professor,  
1989 - tenured (teach Advanced Human Anatomy, Human  
Physiology, Biological Anthropology, Collegiate Seminar - Greek  
Thought).

***Administrative Experience***

2009 – 2010            St. Mary's College, Chairperson  
1993 - 1996            St. Mary's College, Chairperson

1987 - 1992            St. Mary's College, Director, Health Science Program

***Professional Appointment***

California State Anatomical Advisory Board, University of California, member since  
2010

- Oversees and Sets State Policy for Willed Body Programs in California

***Awards***

Distinguished Service Award, American Association of Clinical Anatomists, 2022

Teacher of the Year - selected by Saint Mary's College Seniors, 1996-97  
(this award is no longer given)

Teacher of the Year - selected by Saint Mary's College Seniors, 1995-96

## ***Invited Lectures***

*Human Variation and Adaptive Forces*, University of California at San Francisco Doctoral Program in Physical Therapy (August 2016).

*Biological Adaptation for Human Anatomy Function*, University of California at San Francisco Doctoral Program in Physical Therapy (April 2014)

*Analysis of Comparative Anatomy to Understand Human Function*, University of California at San Francisco Anatomy Department (August 2013)

*Human Anatomical Variation*, University of California at San Francisco Doctoral Program in Physical Therapy (April 2012)

*Anatomical Variation and Modification*, St. George's Medical School (March 2009)

*Morphology and Variation in Human Anatomy*, Sherbourne House, **London Olympics Artists' Workshop**, Poole, England (April 2009)

*Why Do We Look the Way That We Do?* Warwick University School of Medicine (May 2009)

## ***Academic Society Memberships***

**American Association of Clinical Anatomists (AACA)** - nomination for membership accepted 1989 (member to present time)

Served as Allied Health Counselor (2003-2006)

Program Secretary/Meeting Manager

- 2019 AACA Regional Meeting and Co-host - Samuel Merritt University
- 2017 AACA Annual Meeting - University of Minnesota School of Medicine
- 2016 AACA Annual Meeting and Co-host - University of California at San Francisco
- 2011 AACA Annual Meeting - The Ohio State University School of Medicine
- 2008 AACA Annual Meeting - University of Toronto School of Medicine
- 2004 AACA Annual Meeting and Host - Saint Mary's College of California

Ad Hoc Professional Association Management and Nominating Committees (2011)

Manuscript Reviewer for AACA journal - Clinical Anatomy (Index Medicus)

**Northern California Society of Anatomists (NCSA)** - Founder and President (1983 - 1991)

## ***Scholarly Projects***

BodyViz DICOM 3D Visualizing Software - using MRI and CT-Scan files to view anatomy - normal, pathological and anomalies

3D Scanning and visualizing, 3D printing of anatomical structures – Warwick University School of Medicine

Podcasts on Clinical Anatomy Procedures

RARITY - Reuse of Anatomy and Radiology in Teaching – Interactive Computer Program Integrating Anatomy and Radiology

Digital Anatomy projects (QuickTime Virtual Reality and Morphing)

Plastination of preserved human cadaveric tissue

Review of Pectus Excavatum - Anthropometric study of severe cadaveric case

L-glutamate as the neurotransmitter for the Utah White Bass bipolar cell (continuation of sabbatical research, Spring 1993)

Correlation between three dimensional visualization (Guilford-Zimmerman aptitude tests) and gross anatomy comprehension

### **Abstracts and Presentations**

**SMITH, Gregory** (October 2019). Saint Mary's College of California, Moraga, CA 94575 USA. **Using 3D and stereoscopic tools for imaging clinical anatomy.** Regional Meeting of the American Association of Clinical Anatomists, Oakland, CA.

**SMITH, Gregory**<sup>1,3</sup>, Peter ABRAHAMS<sup>2,3</sup>, Brian BURNETT<sup>3</sup> and Richard TUNSTALL<sup>2,3</sup> (July 2016). <sup>1</sup>Saint Mary's College of California, Moraga, CA 94575 USA; <sup>2</sup>West Midlands Surgical Training Centre, University Hospitals Coventry and Warwickshire, Coventry CV2 2DX, UK; <sup>3</sup>Medical Teaching Centre, Warwick Medical School, University of Warwick, Coventry CV4 7AL, UK. **Stereoscopic 3D video for the visualisation and demonstration of anatomy and art to students, experts and the public.** Thirty Third Annual Meeting of the American Association of Clinical Anatomists, Oakland, CA.

Birgit Fruhstorfer<sup>1</sup>; Emma C. ESQUILANT<sup>1</sup>, Tim RATTAY<sup>1</sup>, Anne-Marie FEELEY<sup>1</sup>, Paul GAZZANI<sup>1</sup>, Jamie ROEBUCK<sup>1</sup>, Uzma M. SATTI<sup>1</sup>, Stephen BRYDGES<sup>1</sup>, **Gregory SMITH**<sup>2</sup>, Peter H. ABRAHAMS<sup>1</sup> (August 2009). <sup>1</sup>Institute of Clinical Education, University of Warwick Medical School, Gibbet Hill Road, Coventry, CV4 7AL, U.K., <sup>2</sup>Biology Department, St. Mary's College of California, Moraga, CA. **Plastinated prosections in undergraduate anatomy teaching – an innovative approach to studying the human body.** Association of Medical Education in Europe, Malaga, Spain.

Iqbal, A.<sup>1</sup>, P. Gazzani<sup>1</sup>, T Rattay<sup>1</sup>, B. Fruhstorfer<sup>1</sup>, A. Vohrah<sup>2</sup>, R. Wellings<sup>2</sup>, S. Brudges<sup>1</sup>, **G. Smith**<sup>3</sup>, P. Abrahams<sup>1</sup> (September 2009) <sup>1</sup>Institute of Clinical Education, University of Warwick Medical School, Gibbet Hill Road, Coventry, CV4 7AL, U.K. <sup>2</sup>Department of Radiology, University Hospitals Coventry and Warwickshire, Clifford Bridge Road, Coventry, CV2 2DX, U.K. <sup>3</sup>Biology Department, St. Mary's College of

California. **RARITY – a new e-learning tool integrating radiology and anatomy for medical undergraduates and training radiologists.** European Association of Clinical Anatomy Meeting, Istanbul, Turkey.

**Smith, G.,**<sup>1</sup> P. Abrahams,<sup>2</sup> S. Bridges,<sup>2</sup> B. Fruhstorfer,<sup>2</sup> P. Gazzani,<sup>2</sup> T. Rattay,<sup>2</sup> A. Vohrah,<sup>3</sup> R. Wellings,<sup>3</sup> (July 2009) <sup>1</sup>Saint Mary's College of California, Moraga, CA., <sup>2</sup>University of Warwick, Coventry CV4 7AL, United Kingdom, <sup>3</sup>Department of Radiology, University Hospitals Coventry and Warwickshire, Clifford Bridge Road, Coventry, CV2 2DX, United Kingdom. **RARITY: a new e-learning tool integrating radiology and anatomy for medical students.** Twenty Sixth Annual Meeting, American Association of Clinical Anatomists, The Cleveland Clinic, Ohio.

Satti, U.,<sup>1</sup> P. Abrahams,<sup>1</sup> S.Brudges,<sup>1</sup> E. Esquilant,<sup>1</sup> A.M.Feeley,<sup>1</sup> **G. Smith,**<sup>2</sup> (July 2009) <sup>1</sup>University of Warwick, Coventry CV47AL, United Kingdom, <sup>2</sup>Saint Mary's College of California, Moraga, CA. **Plasticast: a podcast of plastinated specimens to illustrate facial anaesthesia techniques.** Twenty Sixth Annual Meeting, American Association of Clinical Anatomists, The Cleveland Clinic, Ohio.

**Smith, Gregory R.** (April 2008), Saint Mary's College of California, Moraga, CA 94575 USA. **Learning human anatomy through comparative vertebrate anatomy.** Experimental Biology - American Association of Anatomy Meeting, San Diego, CA.

**Smith, Gregory R.** (2006). Saint Mary's College of California, Moraga, CA 94575 USA. **Portable anatomy: anatomic QuickTime VR movies on the Apple iPod.** Twenty Third Annual Meeting, American Association of Clinical Anatomists, Medical College of Wisconsin.

**Smith, Gregory R.** (2005). Saint Mary's College of California, Moraga, CA 94575 USA. **Anatomic QuickTime movies: A practical application creating an individual library of laboratory models and specimens.** Fourth Joint Meeting, American Association of Clinical Anatomists and British Association of Clinical Anatomists, Albert Einstein College of Medicine, New York, N.Y.

**Smith, Gregory R.** (2002). Saint Mary's College of California, Moraga, CA 94575 USA. **Carving a Career Niche.** Nineteenth Annual Meeting, American Association of Clinical Anatomists, University of Florida, (also presented new information on Pectus Excavatum as part of presentation).

**Smith, Greg** and C. Jacobson (1996). Saint Mary's College of California, Moraga, CA 94575 USA. **ADAM and athletic injuries, a computerized interactive approach.** Far West Athletic Trainers Association, Regional Meeting in San Diego.

**Smith, Greg** (1995). Saint Mary's College of California, Moraga, CA 94575 USA. **The use of A.D.A.M. in the anatomy classroom.** Syllabus Meeting, California State University at Sonoma.

**Smith, Gregory R.** (1995). Saint Mary's College of California, Moraga, CA 94575 USA. **A severe example of Pectus Excavatum in a cadaveric case: a review of Pectus Excavatum.** Twelfth Annual Meeting, American Association of Clinical Anatomists, Mayo Medical Center.

**Smith, Greg** (1993). **Is L-glutamate the neurotransmitter for the White Bass bipolar cell?** Brother Alfred Brousseau Colloquium, Saint Mary's College.

**Smith, Greg** (1992). Saint Mary's College of California, Moraga, CA 94575 USA. **Is three-dimensional visualization necessary to comprehend anatomy?** Ninth Annual Meeting, American Association of Clinical Anatomists, University of Massachusetts.

**Smith, Greg** (1987). Saint Mary's College of California, Moraga, CA 94575 USA. **Common errors in the identification of histologic specimens.** Northern California Society of Anatomists, California State University at Sacramento.

### ***Related Work***

Manuscript Reviewer - Clinical Anatomy Journal and Anatomical Sciences Education - listed in Index Medicus.

### ***Extracurricular Projects***

Distinguished Faculty Advisory Council, A.D.A.M. Software - consultant for development and evaluation of interactive multimedia software for anatomy (1994 - 1999).

California Academic Partnership Program (1987 - 1990) - developed science curriculum in conjunction with faculty from Samuel Merritt College School of Nursing and Oakland Technical High School for the Oakland Unified School District.