

CURRICULUM VITAE

May 14, 2020

I. PERSONAL

Name: **Carmen C. Solórzano, M.D., F.A.C.S.**

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Personal: e-mail: carmen.solorzano@vumc.org
DOB: 12/08/1966
Place of birth: Managua, Nicaragua
Citizenship: USA

II. EDUCATION

January 1986 - June 1987 Associate in Arts Degree
Miami Dade College
Miami, FL

July 1987 - May 1989 Bachelor of Science, Microbiology
University of Florida
Gainesville, FL

July 1989 - May 1993 Doctor of Medicine
University of Florida College of Medicine
Gainesville, FL

July 1993 - June 1999 General Surgery Internship and Residency
Shands Hospital, University of Florida, Gainesville, FL

July 1995 - June 1996 Post-Doctoral Research Fellow, Department of Surgery
University of Florida College of Medicine, Gainesville, FL
Mentor: Lyle L. Moldawer, PhD

July 1999 - June 2000 Post-Doctoral Research Fellow, Surgical Oncology
U.T. MD Anderson Cancer Center, Houston, TX
Mentor: Isaiah Fidler DVM, PhD

July 2000 - June 2002 Surgical Oncology Clinical Fellow
U.T. MD Anderson Cancer Center, Houston, TX

Licensure and Board Certifications

1994 - present	National Board of Medical Examiners
1996 - present	DEA Registration (Class 2, 2N, 3, 3N, 4, 5)
2000, 2009	American Board of Surgery
2010 - present	State of Tennessee Medical License
Expired	State of Florida, Texas and Illinois Medical Licenses

III. ACADEMIC APPOINTMENTS

August 2002 - April 2005	Assistant Professor of Surgery University of Miami School of Medicine, Miami, FL
May 2005 - August 2006	Assistant Professor of Surgery Rush Medical College, Chicago, IL
September 2006 - January 2010	Associate Professor of Surgery Chief of Endocrine Surgery University of Miami School of Medicine, Miami, FL
February 2010 - April 2011	Associate Professor of Surgery Director of Vanderbilt Endocrine Surgery Center Vanderbilt University School of Medicine, Nashville, TN
May 2011	Professor of Surgery Director of Vanderbilt Endocrine Surgery Center Vanderbilt University School of Medicine, Nashville, TN
September 2012 - March 2016	Chief, Division of General Surgery Veterans Administration TN Valley Health, Nashville, TN
February 2015	Interim Chief Division of Surgical Oncology and Endocrine Surgery Vanderbilt University School of Medicine, Nashville TN
December 2015 – June 2019	Chief Division of Surgical Oncology and Endocrine Surgery Deputy Vice Chair of Surgery Vanderbilt University School of Medicine, Nashville TN
July 2018 - May 2019	Interim Chair, Department of Surgery Vanderbilt University School of Medicine, Nashville TN

June 2019 Chair, Department of Surgery
Vanderbilt University School of Medicine, Nashville TN

May 8, 2020 John L. Sawyers Chair in Surgical Sciences
Vanderbilt University School of Medicine, Nashville TN

IV. HOSPITAL APPOINTMENTS

July 2000 - June 2002 Junior Faculty Attending
U.T. MD Anderson Cancer Center
Houston, TX

August 2002 - April 2005 Attending Physician
UMHC/ Sylvester Cancer Center, Miami, FL
Jackson Memorial Medical Center, Miami, FL

May 2005 - August 2006 Attending Physician
Rush University Medical Center, Chicago, IL

September 2006 - January 2010 Attending Physician
UMHC/ Sylvester Cancer Center, Miami, FL
University of Miami Hospital, Miami, FL
Jackson Memorial Medical Center, Miami, FL

February 2010 - present Attending Physician
Vanderbilt University Hospital, Nashville, TN

December 2011 - present Staff Surgical Oncologist and Endocrine Surgeon
Veterans Administration, Nashville, TN

V. PROFESSIONAL ORGANIZATIONS

Professional Organizations

1992 Alpha Omega Alpha, Inducted as junior medical student

1999 Woodward Society University of Florida

2000 North American Surgical Oncology Group, Member

2003 International Association of Endocrine Surgeons, Member

2003 International Society of Surgery, Member

2003 Association for Academic Surgeons, Member

2003 American Association of Clinical Endocrinologists

2004 American College of Surgeons, Fellow

2005 American Association of Endocrine Surgeons, Member

2006 Society of Surgical Oncology, Fellow

2006 Chicago Surgical Society, Corresponding Member

2006 Central Surgical Association, Member
 2006 Western Surgical Association, Member
 2007 American Thyroid Association, Member
 2009 Society of University Surgeons, Member
 2011 Southern Surgical Association, Fellow
 2016 American Surgical Association, Fellow

VI. PROFESSIONAL ACTIVITIES

Professional Organizations Committees

American Association for Cancer Research

2016-current AACR Gastrointestinal Scientific Review Committee - Neuroendocrine tumors

American Association of Clinical Endocrinologists

2009-present Endocrine Surgery Committee
 2014-2015 Program Committee
 2018-present Member of Disease State Networks: parathyroid, thyroid and adrenal

American Association of Endocrine Surgeons

2006-2009 Scientific Program Committee (review of 350 abstracts)
 2006-2009 Fellowship Program Directors, Sub-Committee
 2011-2012 Education and IT Committee
 2012-2013 Councilor at Large
 2012-2013 Chair, Membership Committee
 2013 Management Council Member
 2014-2016 Parathyroid Surgery Guidelines Task Force
 2015 Local Arrangements Chair (Nashville Meeting 2015)
 2017-2018 Vice President
 10/2018-10/2021 Surgical Specialty Society Governor
 April 2019 Core Faculty, Endocrine Surgery University presented by AAES
 May 2019-present Expert Society Representative to Society of Nuclear Medicine and Molecular Imaging
 - Committee on Appropriate Use Criteria for Nuclear Medicine in the Treatment of Differentiated Thyroid Cancer

American Board of Surgery

2013-2016 Consultant Committee Certifying Exam (Endocrine)
 2014 Associate Examiner for Certifying Exam
 2017-present Chair, Consultant Committee Certifying eExam (Endocrine)

American College of Surgeons

2013, 2015, 2016 Abstract Review Task Force (200 abstracts)
 2016-2017 ACS Surgical Standards Thyroid Working Group
 10/2018-10/2021 Board of Governors
 10/2019-10/2021 Board of Governors Liaison to the Commission on Cancer (CoC)

American College of Surgeons, Florida Chapter

2009-2010 Councilor

American College of Surgeons, Tennessee Chapter

2018 Chair, Program Committee

American Thyroid Association

2012-2015 Publications Committee
 2016-2018 Surgical Affairs Committee
 2019-present Ethics Committee
 2019-present ATA guidelines for the management of thyroid nodules

Association for Academic Surgery

2008-2009 Education Committee
 2009-2010 Co-Chair, Education Committee
 2010-2011 Leadership Committee
 2011-2013 Councilor at large, Class of 2003
 2012-2013 Nominating Committee

Society of Surgical Oncology

2006-2010 Fellowship Training Committee
 2006-2010 Disparities Committee
 2009-2010 Fellowship Curriculum Task Force
 2013-2016 Scientific Program Committee
 2013-2016 Abstract Review Committee (review of 250 abstracts)
 2017-2019 Endocrine Head/Neck Disease Site Workgroup
 May 2019-present Expert Society Representative to the American College of Radiology
 - Committee on Appropriateness Criteria: Parathyroid Imaging

Society of University Surgeons

2010-2013 Committee on Publications (review of 400 abstracts)
 2016 Newsletter Task Force
 2016-2018 SUS Representative to AAMC-Council of Faculty and Academic Societies
 2016-2018 Social and Legislative Issues Committee
 2017 Nominating Committee
 2018-present Foundation Board Member
 2020-2022 Equity, Diversity and Inclusion (EDI) Committee

Western Surgical Association

2016-present Program Committee (*575 abstracts and 33 videos*)
 2019 Program Chair, Annual Meeting

Woodward Surgery Alumni Society - University of Florida

2010-2011 President Elect
 2011-2012 President
 2012-2013 Past President

Editorial Board Member

2009-present	Journal of Thyroid Research
2012-present	Journal of Surgical Oncology
2014-present	Annals of Surgical Oncology
2018-present	World Journal of Surgery
6/2020	American Journal of Surgery, Associate Editor

Ad-Hoc Peer Review

2004-present	Annals of Surgical Oncology
2005	American Journal of Surgery
2006-present	World Journal of Surgery
2006-present	Surgery
2008	Future Drugs Ltd.
2008	Journal of Postgraduate Medicine
2008	Cancer Control (Moffitt Cancer Center)
2008-present	Journal of Surgical Research
2009	Reports in Medical Imaging - Dove Medical Press
2009-present	Journal of American College of Surgeons
2009-present	Journal of Surgical Oncology
2009-present	Annals of Surgery
2010	Expert Review of Endocrinology and Metabolism
2010-present	Head and Neck
2012-present	Journal of Pediatric Surgery
2014-present	Journal of Clinical Endocrinology and Metabolism
2018	PLOS

University (Intramural) Committee and Administrative Responsibilities**University of Miami Sylvester Cancer Center**

2003-2005	Infection Control Committee
2003-2005	Tissue/Pathology Committee
9/2006-1/2010	Co-Leader of the Thyroid and Other Endocrine Tumors Site disease group

University of Miami, Miller School of Medicine

2004-2005	Medical School Admissions Committee Member
2004-2010	Resident Interviews (Applicants to Miami Surgical Residency) 6 potential residents/year
9/2006-1/2010	Chief, Division of Endocrine Surgery
2/2008-1/2010	Honors Program Medical Education Committee

Rush University Medical Center

6/2005-8/2006	Computerized Physician Order Entry-Advisory Committee
6/2005-8/2006	Graduate Medical Education Committee
7/2005-8/2006	Director, Endocrine Surgery Fellowship

University of Miami Hospital

1/2009-1/2010 Tissue/Pathology Committee

Vanderbilt University Medical Center

2/2010-present Director of Endocrine Surgery Center
 8/2010-11/2011 Resident Coordinator, Division of Surgical Oncology
 3/2011-2014 Physician Council for Clinical Excellence
 3/2012-3/2013 Medical Economic Outcomes Committee
 7/2016-present Patient Advocacy Reporting System Messenger
 10/2018-present Pathology, Microbiology & Immunology (PM&I) Chair Search Committee
 4/2019-6/2019 Chair, Program Director Search Committee, Department of Surgery
 8/2019-present Chair, Surgical Oncology & Endocrine Surgery Chief Search Committee,
 Department of Surgery
 11/2019-present Chair, Trauma and Surgical Critical Care Chief Search Committee,
 Department of Surgery

Vanderbilt-Ingram Cancer Center

1/2011-2018 Cancer Committee Member
 9/2011-2018 American College of Surgeons Commission on Cancer-Liaison Physician
 8/2019-present Vanderbilt Breast Center (VBC) Steering Committee

Vanderbilt University School of Medicine

7/2012-6/2014 Faculty Appointments and Promotions Committee
 Spring 2013 Ad Hoc Committee - Clinician Track
 - Revision of Promotion Guidelines

Veterans Administration, Nashville, TN

9/2012/2016 American College of Surgeons Commission on Cancer-Liaison Physician
 9/2012/2016 Chair, Cancer Committee

Honors and Awards

1986 **Outstanding Academic Achievement Award**
 For academic achievements at Miami Dade Community College

1987 **Pre-Professional Service Recognition Award**
 Given by the honor premedical society AED to premedical student who has demonstrated outstanding community service

1989 **Phi Beta Kappa**
 In recognition of high attainments in liberal scholarship at the University of Florida chapter

1990 **Medical Guild Award for Academic Excellence**

Awarded by the medical guild to 1st year medical student who has demonstrated academic excellence at the University of Florida

- 1991 **Haven Perkins Award**
Awarded by the Department of Anesthesiology to 2nd year medical student who has demonstrated academic excellence at the University of Florida
- 1992 **Alpha Omega Alpha (Junior)**
Honor Medical Society, University of Florida chapter
- 1993 **Dr. Donahoe Memorial General Surgery Award**
Awarded by the surgery faculty at the University of Florida to the senior medical student who has chosen a career in the field of surgery and has exhibited superior skill and dedication to patients.
- 1996 **Semifinalist, Suskind Award, Surgical Infection Society**
Second best research paper at the annual meeting of the Surgical Infection Society.
- 1999 **Outstanding Teaching Resident Award**
Awarded by the surgical residents to a fellow resident in recognition of academic excellence in service to house staff, students and faculty
- 1999 **Edward R. Woodward Surgical Resident's Award**
Awarded by the surgical faculty at the University of Florida to the surgical resident who embodies outstanding qualities in scholastics, teaching, and patient care
- 2000 **Awarded, Research Fellowship, Molecular Biology and Clinical Oncology Workshop, American Association for Cancer Research/American Society for Clinical Oncology**
- 2000 **AACR Minority Scholar Award in Cancer Research**
Given to minority postdoctoral research fellows involved in cancer research
- 2002 **Awarded, Research Fellowship, Methods in Clinical Cancer Research Workshop - American Association for Cancer Research/American Society for Clinical Oncology**
- 2002 **The Lotzova Memorial Research Award**
Given by the surgery faculty of the University of Texas MD Anderson Cancer Center in recognition of excellence in research
- 2006 **The Rush University/John H. Stroger Jr. Hospital of Cook County Research Award**
Given to a junior faculty to encourage research collaboration between two hospitals
- 2008, 2009 **Florida Super Doctors- South Florida Edition**
Given to the top 5% of South Florida doctors. Web at superdoctors.com

- 2009-2010 **Who's Who In Medicine and Healthcare**
- 2009-2020 **Castle Connolly Top Doctor** (annually)
- 2009-2018 **Best Doctors in America** (annually)
- 2010-2011 **Guide to America's Top Surgeons** (Consumers Research Council of America)
- 2010-2014 **Best Doctors in Middle Tennessee** (annually)
- 2011 **Awarded** the 2011 Leadership Exchange and International Visiting Professorship Award by the AAS and Younger Fellows Committee of the Royal Australasian College of Surgeons (RACS)
- 2011-2020 **Nashville Top Doctors** (annually)
- 2011-2020 **Castle Connolly Top Cancer Doctor** (annually)
- 2012 **Who's Who in America** (annually)
- 2014 **Awarded the Kim Ephgrave-Visiting Professorship Program** by the Association of Women Surgeons

Named Lectures

- 2021 Kirby I. Bland Visiting Lectureship, University of Alabama at Birmingham, March 1-2, 2021

VII. TEACHING ACTIVITIES

Teaching Medical Students

- 8/02 - 4/05 Faculty tutor, Junior Surgical Clerkship (MD3)
University of Miami School of Medicine, Miami, FL
Two-hour lecture every two months to 20 medical students
- 1/03 - 4/05 Faculty observer, OSCE Examination
University of Miami School of Medicine, Miami, FL
Observing a history and physical exam 15-20 medical students/year
- 7/05 - 8/06 Faculty examiner, MD3 Surgical Skills, Department of Surgery
Rush University, Chicago, IL
Practical skills exam every two months to 25 medical students
- 7/05 - 8/06 Faculty lecturer, MD3 Surgical Clerkship
Rush University, Chicago, IL

One-hour lecture every 6 weeks

- 9/06 - 1/10 Faculty examiner, Junior Surgical Clerkship (MD3)
University of Miami School of Medicine, Miami, FL
Oral exams every two months to 3-4 medical students
- 9/06 - 1/10 Faculty observer, OSCE Examination
University of Miami School of Medicine, Miami, FL
Observing a history and physical exam 15-20 medical students/year
- 8/10 – 12/15 Faculty lecturer, Surgical Clerkship (MD3)
Vanderbilt University Medical School, Nashville, TN
One-hour lecture every two months to 25 medical students
- 8/10 – 12/15 Faculty examiner, Surgical Clerkship (MD3)
Vanderbilt University Medical School, Nashville, TN
Oral exam to 2-3 students every two months (1.5 hours)

Teaching Surgical Residents

- 8/02 - 4/05 Director, Endocrine Surgery Teaching Conference, Department of Surgery
University of Miami School of Medicine, Miami, FL
One-hour weekly conference (2 interns, 2 residents, 3 MS3, 4 faculty)
- 1/03 - 4/05 Co-Director, Endocrine Surgery Fellowship, Department of Surgery
University of Miami School of Medicine, Miami, FL
- 5/05 - 8/06 Director, Endocrine Surgery Research, Department of Surgery
Rush University Medical Center, Chicago, IL
- 6/05 - 8/06 Faculty examiner, Junior and Senior Surgical Residents
Rush University, Chicago, IL
Mock oral exams (12 hours yearly)
- 9/05 - 8/06 Faculty Director
Journal Club for Rush General Surgery Residents
Monthly (2-hour sessions)
- 4/07 - 4/09 Faculty teacher, Basic Science conference, Endocrine
One-hour lecture once a year in April
- 3/06/08 Mock Oral Exams University of Miami Senior Residents
7 senior residents, 1 hour each
- 3/09 Faculty Author, American Board of Surgery - SCORE project
Author of two modules for surgical resident teaching:
Abdomen general: Rectus Sheath Hematoma and

Alimentary tract large intestine: Neoplasms of Appendix

- 7/09 - 1/10 Tutoring for In-training Exam in General Surgery
N. Alvarez - PGY4 general surgery - 1 hour per week
- 9/02/2011 Intern Olympics (2 hours testing CVL insertion)
- 1/14/2016 Intern Skill Global Assessment (2hr, CVL insert, consent, bad news)

Resident Teaching Conference - Senior Residents

- 4/02/10 Thyroid and Parathyroid (4th and 5th)
- 10/15/10 Adrenal Tumors- (4th and 5th years, 1hr)
- 5/01/2015 Endocrine Tumors - 2 hours
- 5/2016 Endocrine Tumors - 1 hour
- 2017 Thyroid and parathyroid- 1 hour (2nd and 3rd year)
- 2017 Thyroid and Adrenal- 1 hour (4th and 5th year)
- 2017 Endocrine Tumors- 1 hour (2nd year)
- 2018 Adrenal Tumors- 1 hour (4th and 5th year)
- 2019 Endocrine Tumors- 1 hour (2nd year)

Mock Oral Exams to Senior Residents -Vanderbilt University

- 3/26/10 Endocrine, 1 hour (6 residents)
- 5/14/10 All topics, 2 hours (3 residents)
- 2/11/11 Adrenal tumors (6 residents)
- 2/2012 Thyroid tumors (6 residents)
- 2/2013 Thyroid tumors (6 residents)
- 2/2013 Adrenal tumors (6 residents)
- 5/2013 All topics, 2 hours (3 residents)
- 10/2013 Endocrine, 1 hour (3 residents)
- 5/2014 All topics, 2 hours (3 residents)
- 5/2016 All topics, 2 hours (3 residents)
- 5/2017 All topics, 2 hours (3 residents)
- 5/2019 All topics, 2 hours (3 residents)
- 5/2019 Makeup Session (3 residents)

Bonus Teaching Conference - Vanderbilt University

- 8/18/10 Gastric cancer, 30 min (all residents)
- 2/09/11 Adrenal mass, 30 min (all residents)
- 3/30/11 Endocrine surgery update, 30 min (all residents)
- 11/23/11 Management of the thyroid mass, 30 min (all residents)
- 10/10/12 Pancreatic neuroendocrine tumors, 30 min (all residents)
- 3/2016 Adrenal mass, 30 min (all residents)
- 2017 Adrenal mass, 30 min (all residents)

Research/Clinical Supervision of Surgery Fellows and Residents

Fellows

- TM Lee-2003 (Private Practice, Chicago, IL)
- N Hodgson-2003 (Associate Professor, McMaster University, Ontario, Canada)
- JI Lew-2004 (Associate Professor, University of Miami, Miami, FL)
- T Beyer-2005 (Associate Professor, Albany Medical School, Albany, NY)
- N Nilubol-2006 (Assistant Professor, NIH Surgery Branch, Bethesda, MD)
- DM Carneiro-Pla-2006 (Professor, Medical University of South Carolina, Chls, SC)
- W Mendez-2007 (Professor & Program Director, University of Puerto Rico, PR, USA)
- M Sneider-2008 (Private Practice, Minneapolis, MN)
- A Jabiev-2009 (Assistant Professor Tufts University, Baystate Hospital, Springfield, MA)
- J Cannon-2010 (Assistant Professor of Surgery, Wake Forest, NC)

Residents/Medical Students/Undergraduate Students

- NR Alvarez-2005 (Surgical Resident, University of Miami) - Choriocarcinoma metastases to the pancreas.
- M Rodriguez-2006 (Surgical Resident, University of Miami) - Intra-operative PTH dynamics.
- R Snyder-2010 (Surgical Resident, Vanderbilt University) - FNA of thyroid before Bethesda.
- W Beck-2010 (Surgical Resident, Vanderbilt University) - Hypercalcemic crisis-outcomes.
- JJ Smith-2011 (Surgical Resident, Vanderbilt University) - Incidence of thyroid cancer in patients referred for thyroidectomy for benign disease.
- R Nookala-2012 (Medical Student)- The influence of thyroidectomy for Graves' disease on patients' weight. Outcomes of open adrenalectomy, a multi-institutional review.
- R Shinall-2012 (Surgical Resident, Vanderbilt University) - Outcomes of total thyroidectomy for Graves' disease. Hyperparathyroidism underdiagnosed? NF-1 and Pheochromocytoma.
- A Baker-2012 (Undergraduate applying to medical school) - Potassium iodide prior to thyroidectomy for Graves' disease: Is it necessary?
- S Walia-2013 (Undergraduate student applying to medical school) - Incidence of PTH elevation in patients with bilateral neck exploration for parathyroid disease.
- Cameron Schlegel-2015-present (Surgery Resident, Vanderbilt University)-parathyroid
- Melisa Stewart- 2016 (Surgery Resident, VUMC) Association of VA Surgeons- Ambulatory parathyroidectomy
- CM Kiernan-2013-present (Surgical Resident, VUMC - MPH)- Pheochromocytoma, parathyroid, and thyroid cancer research topics, NCDB thyroid cancer, Adrenocortical carcinoma multi-institutional collaborative, CESQIP adrenal outcomes compared to NISQIP
- Paula Smith Marincola - 2018 (Surgical Resident, VUMC) Adrenocortical carcinoma experience US consortium
- Pranit Chotai - 2018 (Surgical Resident, VUMC) Usefulness of intraoperative PTH during intended bilateral neck exploration

- Katherine Prendergast – 2018 (Medical Student, VU) Outcome of adrenocortical carcinoma resection of synchronous vs. metachronous metastases
- Kathleen Gallagher - 2018 (Medical Student, VU) Thyroid cancer in veterans of Iraq war, US imaging in patients with uremic hyperparathyroidism
- Gretchen Edwards – 2018 (Resident in Research, VUMC) – MPH Committee

Mock Oral Exams- Fellows, University of Miami

- Beth Snell, MD (2 hours) - 2003
- TM Lee, MD (2 hours) – 2003
- M Sneider, MD (2 hours) - 2007
- Azad Jabiev, MD (2 hours) - 2008
- Daniel Pust, MD (2 hours) - 2009

Mock Oral Exams- Residents, Vanderbilt University

- Lisa White, MD - 2010
- George Lawson, MD - 2010
- Leland Webb, MD - 2010, 2011
- Kyla Terhune, MD - 2010, 2011
- Douglas Burka, MD - 2011
- Matt Borkon, MD - 2011
- Christina Bailey, MD - 2011, 2012
- Walter Schratt, MD - 2011, 2012
- Khubaib Mapara, MD - 2012
- Robert Yates, MD - 2013
- Josh Smith, MD - 2013
- Michael Corey - 2014
- Susan George - 2014
- Catherine Kling - 2016
- Eileen Dugan - 2016
- Ricky Shinall - 2016
- Evan Brownie - 2017
- Britney Grayson - 2017
- Mat Linger - 2017
- William McMaster - 2017

Teaching Recognition

Edward R. Woodward Surgical Resident's Award, 1999

Awarded by the surgical faculty at the University of Florida to the surgical resident who embodies outstanding qualities in scholastics, teaching, and patient care.

Outstanding Teaching Resident Award in General Surgery, 1999

Presented by the surgical faculty and house staff at the University of Florida to a senior resident in recognition of academic excellence in service to the house staff, students and faculty.

Distinguished Mentor, 2001

“A day at the American College of Surgeons.” Fellows and members meet with high school students to promote the field of surgery. Awarded by the American College of Surgeons.

Attending of the Year, nomination, 2004

From the senior general surgery residents at University of Miami

Attending of the Year, nomination, 2006

From the senior general surgery residents at Rush University

Teaching Commendation, 2006

From 3rd year Rush University medical students for excellence in teaching

Chair’s Faculty Excellence in Teaching Award, 2018

Awarded to those faculty members who had top evaluation in a given academic year from trainees

John L. Sawyers Teaching Award, 2018

Awarded by the Vanderbilt University graduating General Surgery Chief resident class for outstanding contributions to surgical education by a member of the surgical faculty at the Vanderbilt University School of Medicine (considered the highest honor for a teaching faculty member)

VIII. OTHER SIGNIFICANT ACTIVITIES

Medical participant in the local “Run for the Cure” to benefit Breast Cancer Research, Miami, FL, 2002.

Creating a liaison between PanCAN (pancreatic cancer support organization) regional volunteers and the Sylvester Cancer Center, Miami, FL, 2003.

Community lecture: Thyroid Cancer. Sylvester Cancer Center at Deerfield Beach, Deerfield Beach, FL, December 2006.

Medical volunteer: Charitable surgical mission sponsored by Altos Hornos de Mexico. Monclova, Mexico, November 2007.

Community lecture: Adrenal Tumors. Sylvester Cancer Center at Deerfield Beach, FL, March 2007.

Medical volunteer: Charitable surgical mission sponsored by Altos Hornos de Mexico. Monclova, Mexico, August 2008.

Medical staff volunteer: Miami Marathon, FL, January 28, 2008.

Co-Organizer of Multiple Endocrine Neoplasia Seminar - Sponsored by Vanderbilt University Medical Center and AMEN MEN support group. Teaching families about MEN1 and MEN2. Nashville, TN, September 2013.

Co-Organizer of the Multiple Endocrine Neoplasia Seminar- Sponsored by Vanderbilt University Medical Center and AMEN MEN support group. One day seminar with lectures for patients and families (50-6- attendees). Nashville, TN, February 2017.

ACS Surgeons as Leaders: From Operating Room to Boardroom Course, offered by the Division of Education of the American College of Surgeons. Durham, NC. April 28, 2019 – May 1, 2019.

IX. RESEARCH PROGRAM

Funded Research

T32 Grant (PI: Moldawer, LL) 7/95 - 6/96

National Institute of General Medical Sciences

Post-doctoral research training grant “Cytokines and Sepsis”

100% Effort

University of Florida, Department of Surgery, Gainesville, FL

T32 Grant (PI: Ellis, LM and Fiddler, IJ) 7/99 - 6/02

Post-doctoral research training grant “Angiogenesis in Pancreatic Cancer”

100% Effort

UT MD Anderson Cancer Center, Surgical Oncology, Houston, TX

Rush/Cook County Cooperative Grant (PI: Solórzano, CC) 7/05 - 6/06

“Role of Sonic Hedgehog Signaling Pathway in Thyroid Cancer”

50% Effort

\$10,000 (no indirect cost)

Rush University, Chicago, IL

Creation of thyroid cancer cell lines 11/08 - 1/10

Evaluation of the role of Estrogen and GhRH in thyroid cancer

\$15,000 (private donation)

University of Miami, Miami, FL

1R01CA212147-01A1

Academic-Industry Partnership for the Translation

of a Novel Optical Imaging Approach to guide Endocrine Cancer Surgery 2018 - 2022

PI: Anita Mahadevan-Jensen PhD

SubPI: Carmen C. Solórzano 5% effort

Vanderbilt University Biophotonics Center and VUMC

X. PUBLICATIONS

Juried or Refereed Journal Articles

1. **Solorzano CC**, Ksontini R, Pruitt JH, Hess PJ, Edwards PD, Kaibara A, Abouhamze A, Auffenberg T, Galardy RE, Vauthey JN, Copeland EM 3rd, Edwards CK 3rd, Lauwers GY, Clare-Salzler M, MacKay SL, Moldawer LL, Lazarus DD. Involvement of 26-kDa cell-associated TNF-alpha in experimental hepatitis and exacerbation of liver injury with a matrix metalloproteinase inhibitor. *J Immunol.* 1997 Jan 1;158(1):414-419. PMID: 8977217.
2. **Solorzano CC**, Ksontini R, Pruitt JH, Auffenberg T, Tannahill C, Galardy RE, Schultz GP, MacKay SL, Copeland EM 3rd, Moldawer LL. A matrix metalloproteinase inhibitor prevents processing of tumor necrosis factor alpha (TNF alpha) and abrogates endotoxin-induced lethality. *Shock.* 1997 Jun;7(6):427-431. PMID: 9185243.
3. Hess PJ, Seeger JM, Huber TS, Welborn MB, Martin TD, Harward TR, Duscheck S, Edwards PD, **Solorzano CC**, Copeland EM, Moldawer LL. Exogenously administered interleukin-10 decreases pulmonary neutrophil infiltration in a tumor necrosis factor-dependent murine model of acute visceral ischemia. *J Vasc Surg.* 1997 Jul;26(1):113-8. PMID: 9240329.
4. **Solorzano CC**, Jones SC, Pettitjean M, O'Daniel TG, Auffenberg T, Woost PG, Copeland EM 3rd, Moldawer LL, Schultz GS, MacKay SL. Inhibition of transforming growth factor alpha stimulation of human squamous cell carcinoma of the head and neck with anti-TGF-alpha antibodies and tyrphostin. *Ann Surg Onc.* 1997 Dec;4(8):670-684. PMID: 9416416.
5. Labow M, Shuster D, Zetterstrom M, Nunes P, Terry R, Cullinan EB, Bartfai T, **Solorzano C**, Moldawer LL, Chizzonite R, McIntyre KW. Absence of IL-1 signaling and reduced inflammatory response in IL-1 type I receptor deficient mice. *J Immunol.* 1997;159(5):2452-61. PMID: 9278338.
6. **Solorzano CC**, Kaibara A, Hess PJ, Edwards PD, Ksontini R, Abouhamze A, McDaniel S, Frazier J, Trujillo D, Kieft G, Seely J, Kohno T, Cosenza ME, Clare-Salzler M, MacKay SL, Martin SW, Moldawer LL, Edwards CK 3rd. Pharmacokinetics, immunogenicity and efficacy of dimeric TNFR binding proteins in healthy and bacteremic baboon. *J Appl Physiol* (1985). 1998 Apr;84(4):1119-30. PMID: 9516174.
7. Ksontini R, Colangiovanni DB, Josephs MD, Edwards CK 3rd, Tannahill CL, **Solorzano CC**, Norman J, Denham W, Clare-Salzer M, Mackay SL, Moldawer LL. Disparate roles for TNF-alpha and Fas ligand in concanavalin A-induced hepatitis. *J Immunol.* 1998 Apr 15;160(8):4082-9. PMID: 9558119.
8. Bavry AA, **Solorzano CC**, Hocking MP. Unusual presentation of hemoptysis in a 78-year-old with previous Nissen fundoplication. *Am Surg.* 1998 Dec;64(12):1223-5. Review. PMID: 9843351.

9. **Solorzano CC**, Minter RM, Childers TC, Kilkenny JW 3rd, Vauthey JN. Prospective evaluation of the giant prosthetic reinforcement of the visceral sac for recurrent and complex bilateral inguinal hernias. *Am J Surg*. 1999 Jan;177(1):19-22. PMID: 10037302.
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4. Josephs MD, Ksontini R, **Solorzano CC**, Moshayed AK, Abdalla EK, Colangiovani DB, Edwards CK 3rd, Tannahill CL, Abouhamze Z, MacKay SLD, Copeland EM 3rd, Moldawer LL. Sepsis-induced hepatic injury is mediated by TNF α and not Fas ligand. Eighty-Third Annual American College of Surgeons Clinical Congress, Surgical Forum, 48:74-77, 1997.
5. **Solorzano CC**, Auffenberg T, Copeland EM 3rd, Moldawer LL, Schultz GS, MacKay SLD. Effects of anti-TGF- α antibodies and an EGF-receptor tyrophostin on the growth of human head and neck cancer. Fiftieth Annual Cancer Symposium of the Society of Surgical Oncology, SSO Proceedings, 1997.
6. **Solorzano CC**, Cicilioni OJ, Kilkenny JW, Vauthey JN. Prospective evaluation of the giant prosthetic reinforcement of the visceral sac (Stoppa procedure) for complex bilateral and recurrent inguinal hernias. Thirty-Eight Annual Meeting of the Society for Surgeons of the Alimentary Tract, A936:199, 1997.
7. **Solorzano CC**, Bruns CJ, Baker CH, Harbison MT, Killion JJ, Ellis LM, Fidler IJ. Blockade of VEGFR signaling inhibits growth and metastasis of human pancreatic cancer. Ninety-First Annual Meeting of the American Association for Cancer Research, AACR Proceedings, A3620, 2000.
8. Jean M, **Solorzano CC**, Ross M, Mansfield P, Lee J, Feig B, Gershenwald J. Role for sentinel node biopsy in merkel cell carcinoma patients. Thirty-Seventh Annual Meeting of the American Society of Clinical Oncology, ASCO Proceedings, A1428:358a, 2001.
9. **Solorzano CC**, Lee JE, Pisters PWT, Jean M, Gagel RF, Hoff A, Ajani JA, Evans DB. Nonfunctioning islet cell carcinoma of the pancreas survival results in a contemporary series of 163 patients. Twenty-Second Annual Meeting of the American Association of Endocrine Surgeons, A29:81, 2001.
10. Baker CH, **Solorzano CC**, Tsan R, Killion JJ, Fidler IJ. Optimization of EGF-R signaling blockage for therapy of human pancreatic carcinoma implanted in nude mice. Ninety-Second Annual Meeting of the American Association for Cancer Research, AACR Proceedings A4232: 42:788, 2001.
11. **Solorzano CC**, Jung YD, Bucana CD, McConkey DJ, McMahan G, Ellis LM. Use of *in vivo* intracellular signaling as a surrogate marker for anti-angiogenic activity in colon cancer liver metastasis. Ninety-Second Annual Meeting of the American Association for Cancer Research, AACR Proceedings, A5067: 42:943, 2001.

12. Jean M, **Solorzano CC**, Aggarwal B, Ellis LM, McConkey D. The effect of curcumin on pancreatic cancer. Ninety-Second Annual Meeting of the American Association for Cancer Research, AACR Proceedings, A3537: 42:657, 2001.
13. **Solorzano CC**, Hunt KK, Mirza N, Meric F, Ames F, Kuerer H, Newman L, Singletary E, Delpassand E, Ross M. Utility of breast sentinel node biopsy using high dose technetium-99 sulfur colloid injection the day before surgery. Fifty-Fourth Annual Cancer Symposium of the Society of Surgical Oncology, SSO Proceedings, p38:44, 2001.
14. **Solorzano CC**, Baker CH, Bruns CJ, Ellis LM, Fidler IJ. Low dose IFN- α combined with gemcitabine produces apoptosis of tumor endothelial cells and decreases tumor growth in an orthotopic model of human pancreatic carcinoma. Fifty-Fourth Annual Cancer Symposium of the Society of Surgical Oncology, SSO Proceedings, A41:19, 2001.
15. Parikh A, Oggero G, **Solorzano CC**, Hwang R, Lee J, Vauthey J, Evans D, Pisters P. Hospital readmissions after pancreaticoduodenectomy: a previously unrecognized variable important for accurate outcome analysis. Pancreas Club Web Site, 2002.
16. **Solorzano CC**, Hunt KK, Middleton LP, Mirza N, Ross MI, Kuerer HM, Ames FC, Meric F, Singletary SE, Babiera G. Treatment and outcome of intracystic papillary carcinoma of the breast: a contemporary series. Third Annual Meeting of the American Society of Breast Surgeons, Abstract book, 2002.
17. Irvin GL 3rd, Carneiro DM, **Solorzano CC**. Progress in the operative management of sporadic primary hyperparathyroidism (SPHPT) over 34 years. Program book of the 115th Annual Session of the Southern Surgical Congress, Abstract book, 2003.
18. Carneiro D, **Solorzano CC**, Irvin GL 3rd. Recurrent disease following ten years of limited parathyroidectomy for sporadic primary hyperparathyroidism (SPHPT). The 89th Annual American College of Surgeons Clinical Congress, Abstract book, 2003.
19. Katz I, **Solorzano CC**, Souza B, Jacob J, Sfakianaki E, Glassberg M, Zisman A, Karl M. Importance of preoperative parathyroid scanning in a patient with syncope as the presenting symptom of ectopic primary hyperparathyroidism. Eighty-Fifth Annual Meeting of The Endocrine Society, Abstract book, 2003.
20. Carneiro D, **Solorzano CC**, Irvin GL 3rd. Comparison of intraoperative iPTH assay (QPTH) criteria in guiding parathyroidectomy: which one is most accurate? Twenty-Fourth Annual Meeting of the American Association of Endocrine Surgeons, Abstract book, 2003.
21. Carneiro D, **Solorzano CC**, Irvin GL 3rd. The usefulness of pre- and intraoperative ultrasound in diagnosing and treating non-palpable thyroid cancers with metastasis. South Florida chapter of the American College of Surgeons, 2003. (**First Prize**)
22. **Solorzano CC**, Carneiro DM, Levi JU, Ramirez M, Irvin GL 3rd. Rapid insulin assay for intraoperative confirmation of complete resection of insulinomas. Thirty-Eight Annual Meeting of The Pancreas Club, Abstract book, 2004.

23. Ramirez M, Lee TM, Carneiro DM, Irvin GL 3rd, **Solorzano CC**. Surgeon-performed US as the initial and only localizing study in primary hyperparathyroidism. South Florida chapter of the American College of Surgeons, Abstract book, 2004. (**First Prize**)
24. Carneiro DM, Ramirez M, Irvin GL 3rd, **Solorzano CC**. The use of intraoperative PTH assay in patients with parathyroid cancer. Fifty-Seventh Annual Cancer Symposium of the Society of Surgical Oncology, SSO Proceedings, 2004.
25. Hodgson N, Button J, **Solorzano CC**. Thyroid cancer: Is the incidence still increasing? Fifty-Seventh Annual Cancer Symposium of the Society of Surgical Oncology, SSO Proceedings, 2004.
26. **Solorzano CC**, Ramirez MD, Carneiro DM, Lee T, Irvin GL 3rd. Surgeon-performed ultrasound in the management of thyroid malignancy. The Southeastern Surgical Congress, Abstract book, 2004.
27. Carneiro-Pla DM, **Solorzano CC**, Irvin GL 3rd. The consequences of parathyroidectomy guided by localization studies without intraoperative parathormone monitoring. The 91st Annual American College of Surgeons Clinical Congress, Abstract book, 2005.
28. **Solorzano CC**, Weber KJ, Lee JK, Prinz RA. Advantages of thyroidectomy for Graves' disease. 48th Annual meeting of the Midwest Surgical Association, MSA Abstract book, 2005.
29. Lew JI, **Solorzano CC**, Irvin III GL. Long-term results of parathyroidectomy for hypercalcemic crisis. 16th Annual Fellow, Resident and Medical Student Surgical Research Forum of the South Florida Chapter of the American College of Surgeons, Abstract book, 2005.
30. **Solorzano CC**, Mehdi N, Irvin GL 3rd, Nadji M. Down-regulation of ASC RNA and protein expression in papillary thyroid carcinoma is due to promotor methylation of ASC gene. Fifty-Eighth Annual Cancer Symposium of the Society of Surgical Oncology, SSO Proceedings, 2005.
31. **Solorzano CC**, Lee TM, Ramirez M, Carneiro DM, Irvin GL 3rd. Surgeon performed ultrasound improves localization of abnormal parathyroids. The Southeastern Surgical Congress, Abstract book, 2005.
32. Beyer T, **Solorzano CC**, Starr F, Nilubol N, Prinz RA. An outcome comparison of three different approaches to parathyroidectomy for primary hyperparathyroidism. 49th Annual meeting of the Midwest Surgical Association, 2006.
33. Nilubol N, Beyer T, Prinz RA, **Solorzano CC**. Mediastinal hyperfunctioning parathyroids: incidence, evolving treatment and outcome. 49th Annual meeting of the Midwest Surgical Association, 2006.
34. Rao G, **Solorzano CC**, Xu X, Prinz RA. Upregulation of MICA/B expression by radiation

- and genotoxic drugs. Society for Surgeons of the Alimentary Tract, 2006.
35. Nilubol N, Beyer T, **Solorzano CC**, Gattuso P, Xu X, Prinz RA. Heparanase-1 expression in carcinoid tumors. Society for Surgeons of the Alimentary Tract, 2006.
 36. Beyer T, Xu X, Rao G, Nilubol N, Prinz RA, **Solorzano CC**. The sonic hedgehog signaling pathway is activated in thyroid carcinoma. 1st Annual Academic Surgical Congress, 2006.
 37. Beyer T, Nilubol N, Babu A, **Solorzano CC**, Prinz RA, Patel S. Oral vitamin D supplementation reduces the incidence of eucalcemic PTH elevation following surgery for primary hyperparathyroidism. 10th Congress of the Asian Association of Endocrine Surgeons, 2006.
 38. Wilhelm SM, Barbu AM, Prinz RA, Onders RP, **Solorzano CC**. Analysis of large vs. small pheochromocytomas: operative approaches and patient outcomes. The 63rd Annual Meeting of the Central Surgical Association, 2006.
 39. Edwards M, Rotramel A, Beyer T, Gaffud MJ, Djuricin G, Loviscek K, **Solorzano CC**, Prinz RA. Improvement in the health related quality of life symptoms of hyperparathyroidism is durable on long term follow up. The 63rd Annual Meeting of the Central Surgical Association, 2006.
 40. Mendez W, Lew JI, Rodgers SE, Carneiro-Pla DM, Montano RE, Irvin III GL, **Solorzano CC**. Long term outcome of patients with elevated PTH levels following successful parathyroidectomy for sporadic primary hyperparathyroidism. Western Surgical Association, Colorado Springs, CO, 2007.
 41. **Solorzano CC**, Lew JI, Wilhelm S, Wu W, Prinz RA. Outcomes of pheochromocytoma management in the laparoscopic era. 60th Annual Cancer Symposium of the Society of Surgical Oncology, SSO Proceedings, 2007.
 42. Beyer T, Chen E, Nilubol N, Prinz RA, **Solorzano CC**. Short term outcome of parathyroidectomy in patients with or without Vitamin-D insufficiency. 2nd Annual Academic Surgical Congress, 2007.
 43. Carneiro-Pla D, Romaguera R, Nadji M, Lew JI, **Solorzano CC**, Irvin III GL. Does histopathology predict parathyroid glands hypersecretion and correctly influence the extent of parathyroidectomy in patients with sporadic primary hyperparathyroidism? 28th Annual Meeting of the American Association of Endocrine Surgeons, Tucson, AZ, 2007.
 44. Carneiro-Pla DM, **Solorzano CC**, Lew JI, Irvin III GL. Long-term outcome of patients with intraoperative parathyroid level remaining above the normal range during parathyroidectomy. 29th Annual Meeting of the American Association of Endocrine Surgeons, Monterey, CA, 2008.
 45. Mendez W, Rodgers SE, Lew JI, Montano RE, **Solorzano CC**. Role of surgeon performed ultrasound in predicting malignancy in patients with indeterminate thyroid nodules. 61th

- Annual Cancer Symposium of the Society of Surgical Oncology, SSO Proceedings, 2008.
46. Beyer T, Chen E, Ata A, DeCresce R, Prinz RA, **Solorzano CC**. A prospective evaluation of the effect of sample site on intraoperative parathyroid hormone monitoring during parathyroidectomy. Central Surgical Association, Cincinnati, OH, 2008.
 47. Sneider MS, **Solorzano CC**, Montano RE, Anello C, Irvin III GL, Lew JI. Sporadic Primary Hyperparathyroidism in Young Adults: Different Disease and Treatment? 3rd Annual Academic Surgical Congress, Huntington Beach, CA, 2008.
 48. Lew JI, **Solorzano CC**, Carneiro-Pla DM, Irvin III GL. Usefulness of intraoperative parathyroid hormone monitoring in patients with discordant localization studies. *Surgery* (In press). 3rd Annual Academic Surgical Congress, Huntington Beach, CA, 2008.
 49. Lew JI, Rivera M, Irvin GL, **Solorzano CC**. Operative failure in the era of focused parathyroidectomy: A contemporary series of 850 patients. Western Surgical Association, San Antonio, TX, 2009.
 50. **Solorzano CC**, Sosa JA, Lechner S, Lew JI, Roman S. Endocrine surgery: Where are we today? A national survey of young endocrine surgeons. 30th Annual Meeting of the American Association of Endocrine Surgeons, Madison, WI, 2009.
 51. Lew JI, **Solorzano CC**, Jabiev A, Irvin GL III. IPM guided parathyroidectomy with limited neck exploration does not miss multiglandular disease in patients with sporadic primary hyperparathyroidism: A ten year outcome. 30th Annual Meeting of the American Association of Endocrine Surgeons, Madison, WI, 2009.
 52. Jabiev A, Lew JI, **Solorzano CC**. Surgeon-performed ultrasound: A single institution experience in parathyroid localization. Central Surgical Association, Sarasota, FL, 2009.
 53. Jabiev A, Ikeda M, Reis I, **Solorzano CC**, Lew JI. Surgeon-performed ultrasound can predict well differentiated thyroid cancer. Society of Surgical Oncology, Phoenix, AZ, 2009.
 54. Lew JI, **Solorzano CC**. Modern management of Hurthle cell neoplasms of the thyroid. Academic Surgical Congress, Fort Myers, FL, 2009.
 55. Jabiev A, Lew JI, **Solorzano CC**. Does lack of health insurance influence the presentation of primary hyperparathyroidism. Academic Surgical Congress, Fort Myers, FL, 2009.
 56. Cannon J, Lew JI, **Solorzano CC**. Parathyroidectomy for hypercalcemic crisis: 40 year's experience and long term outcomes. Central Surgical Association, Chicago, IL, 2010.
 57. Snyder R, JI Lew, **Solorzano CC**. Fine needle aspiration of the thyroid: Correlation with histopathology in a contemporary series of 797 patients. Tennessee Chapter, ACS, July 2010. (**First Prize**)

58. Beck W, Ji Lew, **Solorzano CC**. Outcomes for hypercalcemic crisis in the era of minimally invasive parathyroidectomy. Tennessee Chapter, ACS, July 2010.
59. Broome JT, **Solorzano CC**. The impact of atypia/follicular lesion of undetermined significance on the rate of malignancy in thyroid fine-needle aspiration: Evaluation of the Bethesda system for reporting thyroid cytopathology. American Association of Endocrine Surgeons, Houston, TX, 2011.
60. Smith J, Chen X, Broome JT, **Solorzano CC**. Higher than expected prevalence of thyroid cancer according to pre-operative clinical diagnosis in surgically treated patients with benign thyroid disease. Scientific Exhibits/Poster. American College of Surgeons, San Francisco, CA, 2011.
61. Broome JT, **Solorzano CC**. Robotic Thyroidectomy is Prohibitively Expensive: A Cost Analysis at a Single Institution. Academic Surgical Congress, 2012.
62. Broome JT, **Solorzano CC**. Impact of Surgical Mentorship on Retroperitoneoscopic Adrenalectomy with Comparison with Transperitoneal Laparoscopic Adrenalectomy. Academic Surgical Congress, 2012.
63. Smith JJ, Chen X, Schneider D, Nookala R, Sippel R, Broome J, Chen H, **Solorzano CC**. Toxic multinodular goiter and cancer: A compelling case for thyroidectomy. Best Poster/ Oral Poster, American Association of Endocrine Surgeons, Iowa City, IA, 2012.
64. Nookala R, Broome JT, Yen T, Wang TS, **Solorzano CC**. Open adrenalectomy in the era of minimally invasive surgery. Tennessee Chapter of the American College of Surgeons, 2012.
65. Shinall R, Broome JT, Nookala R, Shinall J, **Solorzano CC**. Total thyroidectomy for Graves' disease: A contemporary series of 165 patients. American Thyroid Association, 2012.
66. Smith JJ, Chen X, Schneider D, Broome JT, Sippel R, Chen H, **Solorzano CC**. Cancer after thyroidectomy: A multi-institutional experience with 1523 patients. Southern Surgical Association, 2012.
67. Broome JT, Yen T, Wang TS, Fan K, Chen R, Nookala R, Mendez W, **Solorzano CC**. Open adrenalectomy in the era of minimally invasive surgery: selection patterns and outcomes. Academic Surgical Congress, 2013.
68. Shinall MC Jr, Broome JT, Baker A, **Solorzano CC**. Is potassium iodide solution necessary before total thyroidectomy for Graves disease? AAES Chicago 2013.
69. Broome JT, **Solorzano CC**. Utilization and impact of repeat biopsy for follicular lesion/atypia of undetermined significance. International Association of Endocrine Surgeons, Helsinki, Finland, 2013.

70. Pheochromocytoma in neurofibromatosis type 1: when should it be suspected? Shinall MC, **Solorzano CC**. NANETS symposium. Charleston, SC, 2013.
71. Kiernan CM, Broome JT, **Solórzano CC**. The Bethesda System for Reporting Thyroid Cytopathology: A Single-Center Experience over 5 Years. SSO, Phoenix, AZ, 2014.
72. Kiernan CM, Du L, Chen X, Broome JT, Shi C, Peters MF, **Solorzano CC**. Predictors of Hemodynamic Instability During Surgery for Pheochromocytoma. Academic Surgical Congress, San Diego, CA, 2014.
73. Carneiro-Pla D, Miller B, Wilhelm S, Cohen M, Gauger P, Hughes, D, Milas MI, **Solorzano CC**. Feasibility of surgeon-performed transcutaneous vocal cord ultrasonography in identifying vocal cord mobility: A multi-institutional experience. American Association of Endocrine Surgeons, Boston, MA, 2014.
74. Kiernan CM, Shinall MR, Mendez W, Peters MF, **Solorzano CC**. Influence of Adrenal Pathology on Perioperative Outcomes: A Multi-Institutional Analysis. Academic Surgical Congress, San Diego, CA, 2014.
75. Kiernan CM, Parikh A, Parks L, **Solorzano CC**. Utilization of Radioiodine After Thyroid Lobectomy In Patients with Differentiated Thyroid Cancer: Does it Change Outcomes? Southern Surgical Association, Palm Beach, FL, 2014.
76. Carneiro-Pla D, **Solorzano CC**, Wilhelm SM. Impact of vocal cord ultrasonography on endocrine surgery practices. American Association of Endocrine Surgeons, Nashville, TN, May 2015.
77. McWade MA, Sanders ME, Broome JT, **Solórzano CC**, Mahadevan-Jansen A. Establishing the clinical utility of autofluorescence spectroscopy for parathyroid detection. American Association of Endocrine Surgeons, Nashville, TN, May 2015. (**Research Prize AAES**).
78. Kiernan CM, Schlegel C, Peters MF, **Solórzano CC**. Vitamin D levels are not associated with postoperative PTH elevation after parathyroidectomy. Academic Surgical Congress. Las Vegas, NV, February 2015.
79. Kiernan CM, Isom C, Kavalukas S, Schlegel C, Peters MF, **Solórzano CC**. Outpatient parathyroidectomy: bilateral neck exploration compared to focused-approach. World Congress of Surgery-International Association of Endocrine Surgeons Annual Meeting. Bangkok, Thailand, August 2015.
80. Kiernan CM, Schlegel C, Kavalukas S, Isom C, Peters MF, **Solórzano CC**. Does Concomitant Thyroidectomy Increase the Perioperative Complications of Parathyroidectomy? Academic Surgical Congress. Jacksonville, FL, February 2016.
81. Kiernan CM, MA Whiteside, **Solórzano CC**. Cancer Registries: Can We Improve the Quality of Thyroid Cancer Data. Plenary. Society of Surgical Oncology 69th Annual

- Cancer Symposium. Boston, MA, March 2016.
82. Kiernan CM, **Solórzano CC**. Bethesda Category III, IV, V Thyroid Nodules: Can Size Help Predict Malignancy. Western Surgical Association Annual Meeting. Coronado Bay, CA, November 2016.
 83. Kiernan CM, **Solórzano CC**. Utilization of External Beam Radiation in Differentiated Thyroid Cancer. Academic Surgical Congress. Las Vegas, NV, February 2017.
 84. Kiernan CM, Weiss VL, Mehrad M, Ely K, Baregamian N, **Solórzano CC**. New Terminology Noninvasive Follicular Neoplasm with Papillary-like Nuclear Features (NIFTP) and its Effect on the Rate of Malignancy at a Single Institution. American Association of Endocrine Surgeons 38th Annual Meeting, Orlando, FL, April, 2017.
 85. Burks M, **Solórzano CC**, Bao S. Robotic paraganglioma resection in a pregnant patient. ENDO, Orlando, FL 2017.
 86. Prendergast KM, Marincola Smith P, Kiernan CM, Maithel SK, Prescott JD, Pawlik TM, Wang TS, Glenn J, Hatzaras I, Phay JE, Shirley LA, Fields RC, Weber SM, Sicklick JK, Yopp AC, Mansour JC, Duh Q, Levine EA, Poultsides GA, **Solorzano CC**. Features of Synchronous versus Metachronous Metastasectomy for Adrenal Cortical Carcinoma. 14th Annual Academic Surgical Congress, Houston, TX. February 2019.
 87. Baechle JJ, Smith PM, Tan M, Bailey C, **Solorzano C**, Lopez-Aguilar AG, Dillhoff M, Beal EW, Poultsides G, Makris E, Rocha FG, Crown A, Cho C, Beems M, Winslow ER, Rendell VR, Krasnick BA, Fields R, Maithel SK, Idrees K. Specific Growth Rate as a Predictor of Survival in Pancreatic Neuroendocrine Tumors. 14th Annual Academic Surgical Congress, Houston, TX. February 2019.

Presentations at scientific meetings (oral or first author only) national and international

1. **Solórzano CC**, Kaibara A, Pruitt JH, Abouhamze A, Auffenberg T, MacKay SLD, Copeland EM 3rd, Moldawer, L. Mice lacking a functional IL-1 type I but not TNF type I receptor exhibit and attenuated acute phase response in acute inflammation. Eighty-Second Annual American College of Surgeons Clinical Congress, Surgical Forum, Chicago, IL, 1996.
2. **Solórzano CC**, Hess P, Clare-Salzler M, Galardy RE, Moldawer LL, Lazarus DD. Involvement of cell-associated TNF α in a model of experimental hepatitis. Sixth Annual International Congress on Tumor Necrosis Factors and Related Molecules, Rhodes, Greece, 1996.
3. **Solórzano CC**, Pruitt J, MacKay SLD, Copeland EM 3rd, Galardy RE, Schultz GP, Moldawer LL. Inhibition of TNF α processing by a matrix metalloprotease inhibitor abrogates endotoxin induced lethality. Sixteenth Annual Meeting of the Surgical Infection Society, Milwaukee, WI, 1996.

4. **Solórzano CC**, Lee JE, Pisters PWT, Jean M, Gagel RF, Hoff A, Ajani JA, Evans DB. Nonfunctioning islet cell carcinoma of the pancreas survival results in a contemporary series of 163 patients. Twenty-Second Annual Meeting of the American Association of Endocrine Surgeons, Atlanta, GA, 2001.
5. **Solórzano CC**, Baker CH, Bruns CJ, Ellis LM, Fidler IJ. Low dose IFN- α combined with gemcitabine produces apoptosis of tumor endothelial cells and decreases tumor growth in an orthotopic model of human pancreatic carcinoma. Fifty-Fourth Annual Cancer Symposium of the Society of Surgical Oncology, 2001.
6. **Solórzano CC**, Hunt KK, Middleton LP, Mirza N, Ross MI, Kuerer HM, Ames FC, Meric F, Singletary SE, Babiera G. Treatment and outcome of intracystic papillary carcinoma of the breast: a contemporary series. Third Annual Meeting of the American Society of Breast Surgeons, Boston, MA, 2002.
7. **Solórzano CC**, Ramirez MD, Carneiro DM, Lee T, Irvin GL 3rd. Surgeon-performed ultrasound in the management of thyroid malignancy. The Southeastern Surgical Congress, Atlanta, GA, 2004.
8. **Solórzano CC**, Mehdi, N, Irvin III, GL, Nadji, M. Down-regulation of ASC RNA and protein expression in papillary thyroid carcinoma is due to promotor methylation of ASC gene. The Society of Surgical Oncology, 2005.
9. **Solórzano CC**. Pheochromocytoma multisystem crisis. 27th Annual meeting of the AAES interesting case session, New York, NY, 2006.
10. **Solórzano CC**, Lew JI, Wilhelm S, Sumner W, Layton R, Huang W, Wu W, Sleeman D, Prinz RA. Outcomes of pheochromocytoma management in the laparoscopic era. The Society of Surgical Oncology, Washington, D.C., 2007.
11. **Solórzano CC**, Chen E, Ata A, DeCresce R, Prinz RA, Beyer T. A prospective evaluation of the effect of sample site on intraoperative parathyroid hormone monitoring during parathyroidectomy. Central Surgical Association, Cleveland, OH, 2008.
12. Smith JJ, Chen X, Schneider D, Broome JT, Sippel R, Chen H, **Solórzano CC**. Cancer after thyroidectomy: A multi-institutional experience with 1523 patients. Southern Surgical Association, Palm Beach, FL, 2012.
13. Kiernan CM, Parikh A, Parks L, **Solórzano CC**. Utilization of Radioiodine After Thyroid Lobectomy In Patients with Differentiated Thyroid Cancer: Does it Change Outcomes? Southern Surgical Association, Palm Beach, FL, 2014.

Invited Lecturer, Paper Discussant, Panel Lecture, Moderator

1. “Pancreatic insulinomas”. **Lecture**. Surgical Grand Rounds, University of Florida, Gainesville, FL, 1998.
2. “Castleman’s disease”. **Lecture**. Surgical Grand Rounds, UT MD Anderson Cancer Center, Houston, TX, November 2001.
3. “Management of nonfunctioning islet cell tumors of the pancreas”. **Lecture**. Surgical Grand Rounds, UT MD Anderson Cancer Center, Houston, TX, May 2002.
4. “Hyperparathyroidism: from a surgeon’s perspective”. **Lecture**. Nuclear Medicine Grand Rounds, University of Miami Jackson Memorial Medical Center, Miami, FL, May 2003.
5. “Islet cell tumors of the pancreas”. **Lecture**. General Surgery Grand Rounds, University of Miami Jackson Memorial Medical Center, Miami, FL, August 2003.
6. Nonfunctioning islet cell tumors/PPomas. General Session-51 “Abdominal Endocrine Surgery” **Invited Panel Member**. American College of Surgeons Annual Clinical Congress, October 2003.
7. “Thyroid Cancer”. **Lecture**. General Surgery Grand Rounds. Rush University Medical Center, Chicago, IL, June 2005.
8. “Interesting Case: Insulinoma” **Invited Discussant**. Medical Grand Rounds. Rush University Medical Center, Chicago, IL, July 2005.
9. “Incidence and location of ectopic parathyroids” **Invited Discussant**. The Midwest Surgical Association, August 2005.
10. “Pheochromocytoma from a surgeon’s perspective”. **Invited lecture**. Endocrinology Grand Rounds. Cook County Hospital, Chicago, IL, October 2005.
11. “The post-surgical management of thyroid cancer”. General Session-17 “Evaluation and Management of Thyroid Disease for the Surgeon” **Invited Panel member**. American College of Surgeons Annual Clinical Congress, October 2005.
12. “Changes in the surgical treatment of hyperparathyroidism”. **Invited lecture**. Otolaryngology Grand Rounds. Rush University Medical Center, Chicago, IL, February 2006.
13. “Surgical management of islet cell tumors of the pancreas”. **Invited lecture**. Endocrinology Grand Rounds. University of Illinois Chicago, IL, April 2006.
14. “The role of sonic hedgehog signaling pathway in thyroid cancer”. Rush/Cook Research Grant. **Invited lecture**. Rush Research Forum. Rush University Medical Center, Chicago, IL, April 2006.

15. “Pancreatic cancer: a surgeon’s perspective”. **Invited lecture**. Medical Grand Rounds Sisters of St. Francis Health Services, St. Margaret Mercy Hospital, Hammond, IN, June 2006.
16. “Extent of Lymph Node Dissection for Gastric Cancer”. **Invited lecture**. X Congreso de Cirujia Centroamerica y Panama. Managua, Nicaragua, September 2006.
17. “Thyroid Cancer”. **Invited lecture**. X Congreso de Cirujia Centroamerica y Panama. Managua, Nicaragua, September 2006.
18. “Thyroid Cancer”. **Lecture**. Sylvester Cancer Center, Deerfield Beach, FL, December 2006.
19. “Surgical Management of MEN Syndromes”. **Lecture**. General Surgery Grand Rounds, University of Miami Jackson Memorial Medical Center, Miami, FL, April 2007.
20. “The Adrenal Mass”. **Lecture**. Sylvester Cancer Center, Deerfield Beach, FL, March 2007.
21. Quick shot oral session Endocrine/Oncology/Outcomes. **Moderator**. 3rd Annual Academic Surgical Congress, Huntington Beach, CA, February 2008.
22. Papers session III, American Association of Endocrine Surgeons. **Moderator**. Monterey, CA, April 2008.
23. Workshop on primary hyperparathyroidism (Two sessions). **Invited Panel Member**. American Association of Clinical Endocrinologists. Orlando, FL, May 2008.
24. “Trends in adrenal surgery and adrenal cancer incidence and survival in the era of laparoscopic surgery”. **Invited discussant**. American College of Surgeons Quality, Outcomes and Costs II: Cancer, Endocrine, Vascular, October 2008.
25. “Papillary Thyroid Cancer”. **Lecture**. General Surgery Grand Rounds, University of Miami Department of Surgery, Miami, FL, January 2009.
26. “Parathyroid Surgery”. **Invited lecture (Profesor Magistral)**. ECOS- American College of Surgeons: Capitulo Mexico, Mexico City, Mexico, February 18, 2009.
27. “Thyroid hormone replacement after thyroid lobectomy”. **Invited Discussant**. Central Surgical Association, 1st scientific session, Sarasota, FL, March 2009.
28. “Differentiated Thyroid Cancer”. **Visiting Professor and Grand Rounds**. Temple University, Philadelphia, PA, March 2009.
29. Young endocrine surgeon’s workshop CME- “How to get the right endocrine surgery job- Tips from the applicant point of view”. **Invited lecturer**. 30th Annual Meeting of the American Association of Endocrine Surgeons, Madison, WI, May 3, 2009.

30. “The primacy of surgery in cancer therapy: Thyroid Cancer”. **Invited lecturer.** Florida Chapter ACS. 56th Annual Scientific meeting, Palm Coast, FL, May 22, 2009.
31. “Thyroid and Parathyroid Ultrasound”-Lunch session. **Moderator.** International Association of Endocrine Surgeons, Adelaide, Australia, September 2009.
32. Presenting and submitting your research work. **Moderator.** Fundamentals of Surgical Research Course, Association for Academic Surgeons. Chicago, IL, October 2009.
33. “An optimal algorithm for intraoperative parathyroid hormone monitoring”. **Invited Discussant.** Western Surgical Association, 1st scientific session, San Antonio, TX, November 9, 2009.
34. Education Committee Session- Changes and Solutions in Resident Education in 2010”. **Organizer/Panel Moderator.** 5th Annual Academic Surgical Congress, San Antonio, TX, February 5, 2010.
35. Quick shot oral paper session VI- Endocrine/Oncology/Outcomes. **Moderator.** 5th Annual Academic Surgical Congress, San Antonio, TX, February 3, 2010.
36. Management of Adrenal disease- **Invited Panel Member.** Central Surgical Association, Chicago, IL, March 11, 2010.
37. “Management of Multiple Endocrine Neoplasia Syndromes”. **Lecture.** Hematology-Oncology-Fellows Seminar Series. Vanderbilt-Ingram Cancer Center, Nashville, TN, April 13, 2010.
38. “Surgical Management of Differentiated Thyroid Cancer”. **Lecture.** General Surgery Grand Rounds, Vanderbilt University, May 7, 2010.
39. “Surgical Management of Hyperparathyroidism”. **Lecture.** Endocrinology Grand Rounds, Vanderbilt University, May 25, 2010.
40. “Ligation vs. Reconstruction of the Soft Pancreatic Remnant”. **Invited Discussant.** Tennessee Chapter of the ACS, July 25, 2010.
41. Why be an academic surgeon? **Moderator.** 6th Annual Career Development Course, Association for Academic Surgeons. Washington, D.C., October 2, 2010.
42. “Low dicer expression correlates with aggressive features in thyroid cancer”. **Invited Discussant.** Surgical Forum, ACS, Washington, D.C., October 5, 2010.
43. “Thyroidectomy is Optimal Treatment for Graves’ Disease”. **Invited Discussant.** Southern Surgical Association, Palm Beach, FL, December 8, 2010.
44. Oncology oral paper session- Endocrine/Neuroendocrine Tumors. **Moderator,** 6th Annual Academic Surgical Congress, Huntington Beach, CA, February 3, 2011.

45. “Featured speaker: What is new in endocrine surgery”. **Invited Lecture**. Society of Surgical Oncology-Endocrine/Head and Neck parallel session. San Antonio, TX, March 4, 2011.
46. Surgical Management of Hyperparathyroidism. **Lecture**. 2nd Annual Woodward Society Spring Meeting-Department of Surgery, University of Florida, Gainesville, FL, March 18, 2011.
47. Surgical Training in the US: how it works and where it's going next? **Lecture**. Younger Fellows Forum of the Royal Australasian College of Surgeons. Adelaide, South Australia, April 30, 2011.
48. “Building a career pathway” **Moderator**. Royal Australasian College of Surgeons-Academic Section-Developing a Career in Academic Surgery Course. Adelaide, South Australia, May 2, 2011.
49. “Building a career pathway”. **Lecture**. Royal Australasian College of Surgeons-Academic Section-Developing a Career in Academic Surgery Course (DCAS). Adelaide, South Australia, May 2, 2011.
50. “The Bethesda system for reporting thyroid cytopathology”. **Lecture**. Royal Australasian College of Surgeons-Endocrine Section, Annual Scientific Congress, Adelaide, South Australia, May 5, 2011.
51. “Turning lemons into lemonade: How to benefit from hospital and university committee service”. **Lecture**. 7th Annual Career Development Course, Association for Academic Surgeons. San Francisco, CA, October 22, 2011.
52. Oncology oral paper session- Endocrine/Neuroendocrine Tumors. **Moderator**, 7th Annual Academic Surgical Congress, Las Vegas, NV, February 15, 2012.
53. Surgical management of Differentiated Thyroid Cancer. **Invited Lecture**. Puerto Rico Chapter of the American College of Surgery. San Juan, Puerto Rico, February 2012.
54. Surgical Management of the Incidental Adrenal Mass. **Invited Lecture**. Surgical Grand Rounds University of Puerto Rico School of Medicine, San Juan, Puerto Rico, February 2012.
55. Woodward Society Spring Meeting. **CME Course Director and Moderator**. Gainesville, FL, March 2012.
56. Surgical management of primary and metastatic pancreatic neuroendocrine tumors. **Invited Lecture**. Multidisciplinary management of diseases of the pancreas CME conference-Vanderbilt University, Nashville, TN, April 14, 2012.
57. The cancer liaison physician and the new commission on cancer standards. **Invited**

- Lecture.** Cancer Forum. Tennessee Chapter of the American College of Surgeons, Chattanooga, TN, August 4, 2012.
58. Advances in Thyroid Surgery (Debate): Conventional vs. Minimally Invasive Approaches. **Invited Lecture.** American Thyroid Association, Clinical Debates. Quebec, Canada, September 20, 2012.
 59. Oncology oral paper session II- Endocrine Tumors. **Moderator**, 8th Annual Academic Surgical Congress, New Orleans, LA, February 6, 2013.
 60. Integrated Quick Shots Oncology V-Endocrine Tumors. **Moderator**, 8th Annual Academic Surgical Congress, New Orleans, LA, February 7, 2013.
 61. Parathyroid Ultrasound. Exported ACS ultrasound course during the American Association of Endocrine Surgeons- **Invited Lecture.** April 13, 2013.
 62. Oral paper session VI- **Moderator**, American Association of Endocrine Surgeons, Chicago, IL, April 15, 2013.
 63. Surgical management of primary and metastatic pancreatic neuroendocrine tumors. **Invited Lecture.** Multidisciplinary management of diseases of the pancreas 2nd Annual CME conference, Vanderbilt University, Nashville, TN, April 20, 2013.
 64. Endocrine clinical paper session. **Moderator.** American College of Surgeons, Washington, D.C., October 2013.
 65. Surgical management of hyperparathyroidism: What is new and what remains the same. **Lecture.** Surgical Grand Rounds. Vanderbilt University Medical Center, January 24, 2014.
 66. Integrated Quick Shots Oncology II-Endocrine Tumors. **Moderator**, 9th Annual Academic Surgical Congress, San Diego, CA, February 4, 2014.
 67. Surgical management of hyperparathyroidism. **Visiting Professor.** Gundersen Health System, La Crosse, WI, February 11, 2014.
 68. Association of Women's Surgeons. Kim Ephgrave Visiting Professor Program. The incidental adrenal mass. **Visiting Professor.** Gundersen Health System, La Crosse, WI, February 12, 2014.
 69. MD Anderson Surgical Endocrinology Interesting Case Presentation Video Conference. **Expert Panelist.** Surgical Management of Secondary Hyperparathyroidism. March 10, 2014.
 70. Endocrine parallel session. **Moderator.** Society of Surgical Oncology. Phoenix, AZ, March 2014.
 71. Great debates in Endocrine Surgery. **Invited Lecture.** Asymptomatic hyperparathyroidism

- to observe or operate. Society of Surgical Oncology. Phoenix, AZ, March 2014.
72. Reflections on the surgical management of pheochromocytoma. **Visiting Professor.** Endocrine Grand Rounds, University of Wisconsin, Madison, WI, March 2014.
 73. Reflections on the surgical management of pheochromocytoma. **Visiting Professor.** Baystate Medical Center, Springfield, MA, May 15, 2014.
 74. Masters course in endocrine surgery. **Invited Lecture.** Papillary thyroid microcarcinoma. Duke University Medical Center, Durham, NC, September 5, 2014.
 75. Masters course in endocrine surgery. **Invited Lecture.** Central neck dissection in papillary thyroid cancer. Duke University Medical Center, Durham, NC, September 5, 2014.
 76. Management of thyroid nodules. **Meet the Expert Session.** American College of Surgeons San Francisco, CA, October 2014.
 77. Surgical management of hyperparathyroidism. Invited Lecture. XVI Curso Intensivo Diabetes, Endocrinología y Enfermedades Metabólicas. Miami, FL, December 11, 2014.
 78. Controversies in Thyroid Cancer. **Moderator.** Society of Surgical Oncology. Houston, TX, March 26, 2015.
 79. Overview of the Revised ATA Guidelines for the Management of Thyroid Nodules and Cancer. **Invited Lecture.** SAGES, Nashville, TN, April 15, 2015.
 80. Plenary: Management of thyroid cancer cases. **Moderator.** Joint session AACE and AAES, Nashville, TN, May 17, 2015.
 81. Endocrine Surgical Forum Session. **Moderator.** American College of Surgeons, Chicago, IL, October 2015.
 82. Management of thyroid nodules. **Meet the Expert Session.** American College of Surgeons Chicago, IL, October 2015.
 83. Surgical management of thyroid cancer. **Invited Lecture.** XVII AACE- Curso Intensivo Diabetes, Endocrinología y Enfermedades Metabólicas. Miami, FL, December 10, 2015.
 84. Indications for parathyroidectomy. **Workshop.** XVII AACE- Curso Intensivo Diabetes, Endocrinología y Enfermedades Metabólicas. Miami, FL, December 10, 2015.
 85. Ultrasound Applications and Techniques for Thyroid and Parathyroid Disease. **Invited Lecture.** Society of Surgical Oncology. Boston, MA, March 3, 2016.
 86. Ultrasound Applications and Techniques for Thyroid and Parathyroid Disease. Instructor. Hands on session. Society of Surgical Oncology. Boston, MA, March 3, 2016.

87. Contemporary Management of Adrenal Neoplasm- **Moderator**. Society of Surgical Oncology. Boston, MA, March 4, 2016.
88. Neuroendocrine Tumors: Current Controversies- **Moderator**. Society of Surgical Oncology. Boston, MA, March 5, 2016.
89. The Limits of Surgery for Differentiated Thyroid Cancer. **Invited Lecture**. Brazilian Congress of Endocrinology and Metabolism 2016. Bahia, Brazil, September 22, 2016.
90. Management of the Adrenal Mass: The Surgeon Perspective. **Invited Lecture**. Brazilian Congress of Endocrinology and Metabolism 2016. Bahia, Brazil, September 22, 2016.
91. Management of the Functioning Adrenal Mass. **Moderator**. American College of Surgeons. Washington, DC. October 2016.
92. How much Surgery for differentiated Pediatric Thyroid Cancer. **Invited Panelist Lecture**. American College of Surgeons. Washington, DC. October 2016.
93. Management of Thyroid Cancer: when is Lobectomy Enough? **Invited Lecture**. American Association of Clinical Endocrinology. XVIII AACE- Curso Intensivo Diabetes, Endocrinologia y Enfermedades Metabolicas. Miami, FL, December 8, 2016.
94. Controversies in the Management of Thyroid Cancer. **Invited Lecture**. American Association of Clinical Endocrinologist. Southern States Chapter Meeting. Memphis, TN, February 11, 2017.
95. Changes in the Management of Thyroid Neoplasms: The Role of Molecular Testing. **Invited Lecture**. Southeastern Surgical Congress Meeting. Nashville, TN, February 25, 2017.
96. Management of the adrenal mass in the setting of MEN 1 and 2. **Lecture**. AMEN patient and family seminar. Vanderbilt University Medical Center. February 4, 2017.
97. ENDO Advanced thyroid and parathyroid ultrasound course. **Invited Lecture**. Ultrasound for parathyroid localization. ENDO 2017, Orlando, FL. March 31, 2017.
98. ENDO Advanced thyroid and parathyroid ultrasound course. **Proctor**. Hands on station on ultrasound guided needle biopsy of thyroid nodules. ENDO 2017, Orlando, FL. March 31, 2017.
99. The incidentaloma and the role of the gland surgeon. **Surgical Grand Rounds Lecture**. Vanderbilt Surgical grand rounds. Nashville, TN, May 26, 2017.
100. Triggers for reoperation in differentiated thyroid cancer. Invited Lecture. Chester Ridgway Trainee Conference at the American Thyroid Association. Victoria, Canada, October, 2017.
101. Update on the New AAES guidelines for the definitive management of

- hyperparathyroidism. **Invited Panelist Lecture.** American College of Surgeons Clinical Congress. San Diego, CA, October, 2017.
102. Molecular Testing for Thyroid Nodules. **Invited Panelist Lecture.** Hot Topics in General Surgery, American College of Surgeons Clinical Congress. San Diego, CA, October, 2017.
103. Adult Cancers in Pediatric Patients. **Moderator of Panel Session.** American College of Surgeons Clinical Congress. San Diego, CA, October, 2017.
104. Surgical Management of Medullary Thyroid Cancer. **Invited Lecture.** AACE. XVIII AACE- Curso Intensivo Diabetes, Endocrinología y Enfermedades Metabólicas. Miami, FL, December 7, 2017.
105. Management of Neuroendocrine Tumors: **Invited Panelist.** AACE. XVIII AACE- Curso Intensivo Diabetes, Endocrinología y Enfermedades Metabólicas. Miami, FL, December 7, 2016.
106. Thyroid lobectomy vs. total thyroidectomy. **Invited Panelist.** American Thyroid Association Spring Symposia. Chicago, IL, March 2018.
107. Management of the adrenal mass: Emphasis of Adrenocortical Carcinoma. **Visiting Professor.** General Surgery Grand Rounds, Rush University. Chicago, IL, August 2018.
108. Reoperation in differentiated thyroid cancer. **Invited Lecture.** Chester Ridgway Trainee Conference at the American Thyroid Association. Washington DC, October, 2018.
109. Postgraduate Course- Cutting Edge Endocrine Surgery. **Invited Panelist.** American College of Surgeons Clinical Congress. Boston, MA, October, 2018.
110. Surgical Management of Parathyroid with Emphasis on the New Guidelines of the American Endocrine Association. **Invited Lecture (CME).** American Association of Clinical Endocrinology. XX AACE - Curso Intensivo De Diabetes, Endocrinología y Enfermedades Metabólicas. Miami, FL, December 13, 2018.
111. Incidental Adrenal Mass: Diagnosis and Surgical Management. **Invited Lecture (CME).** American Association of Clinical Endocrinology. XX AACE - Curso Intensivo De Diabetes, Endocrinología y Enfermedades Metabólicas. Miami, FL, December 13, 2018.
112. Thyroid Nodules: Presentation of Clinical Cases. **Workshop (CME).** American Association of Clinical Endocrinology. XX AACE - Curso Intensivo De Diabetes, Endocrinología y Enfermedades Metabólicas. Miami, FL, December 13, 2018.
113. Clinical Burden of Over-Treatment of Thyroid Cancer. **Invited Lecture.** In Panel Session, Thyroid Cancer: An Over-Treated Malignancy. Society of Surgical Oncology. San Diego, CA, March 28, 2019.
114. Benign Thyroid & DTC. **Panelist.** The 2019 Endocrine Surgery University presented by

- the American Association of Endocrine Surgeons, Los Angeles, CA, April 5, 2019.
115. Adrenal Tumors. **Panelist**. The 2019 Endocrine Surgery University presented by the American Association of Endocrine Surgeons, Los Angeles, CA, April 5, 2019.
 116. Pancreas/GI Neuroendocrine. **Moderator**. The 2019 Endocrine Surgery University presented by the American Association of Endocrine Surgeons, Los Angeles, CA, April 6, 2019.
 117. Interesting Cases Session. **Invited Panelist**. American Association of Endocrine Surgeons 2019 Annual Meeting. Los Angeles, CA, April 9, 2019.
 118. Surgical Considerations in the Management of Thyroid Cancer: **Invited Lecture**. American Association of Clinical Endocrinologist. Davidson Mestman XXI- Curso Intensivo Diabetes, Endocrinologia y Enfermedades Metabolicas. Miami, FL, December 11, 2019.
 119. Contemporary Surgical Management of Pheochromocytoma and Paraganglioma. **Invited Lecture**. Davidson Mestman XXI-Curso Intensivo Diabetes, Endocrinologia y Enfermedades Metabolicas. Miami, FL, December 12, 2019.
 120. 5th NY Masters Course in Comprehensive Endocrine Surgery. **Invited Lecture**. Parathyroid identification: is autofluorescence a game changer? Icahn School of Medicine at Mount Sinai, New York, NY, December 13, 2019.
 121. 5th NY Masters Course in Comprehensive Endocrine Surgery. **Invited Moderator**. Challenges. Icahn School of Medicine at Mount Sinai, New York, NY, December 13, 2019.
 122. 2nd symposium on parathyroid fluorescence. **Invited Moderator**. Methodology for Label-free Parathyroid Detection, Lausanne Switzerland, February 26-28, 2020.
 123. 2nd symposium on parathyroid fluorescence. **Invited Speaker**. Preliminary impressions of the PTeye and design of a multi-center outcome study, Lausanne Switzerland, February 26-28, 2020.