

CURRICULUM VITAE

Name: Thomas B. Pace, MD

Office Address: Business: P.O. Box 27114 Greenville SC 29616
 Academic: HSAB 239 701 Grove road Greenville, SC 29605

Phone: 864-455-7912

E-Mail: tpace@ghs.org

Education:

The University of Mississippi School of Medicine Years: 1978-1982 Degree: MD Date: 1982
 Field of Study: Medicine

Mississippi State University Years: 1974-1978 N/A Date: 1978
 Field of Study: Biology

Internship:

Residencies/ Post-Doctoral/ Fellowships:

University of Utah	Reconstructive Arthritis Surgery 12 months fellowship	1993
Lund University Department of Orthopaedics Malmö, Sweden	Reconstructive Arthritis Surgery 6 months fellowship	1989
Princess Margaret Rose Orthopaedic Hospital Edinburgh, Scotland	Adult/Pediatric Orthopaedics 6 months	1988
Greenville Hospital System	Orthopaedic Residency	1983-1988
University of Mississippi	Family Practice Internship	1982-83

Board Certification: American Board of Orthopaedic Surgery Date: 1991, 2001, 2011 (current)

Licensure: SC (medical) Date: 1984 (current)
 Mississippi (medical) Date: 1983 (current)

Faculty Appointments:

2014-present	Professor	University of South Carolina School of Medicine Greenville
1995-present	Adjunct Professor	Clemson University Dept. of Bioengineering
1993 –present	Teaching faculty	Greenville Health System Orthopaedic residency pro.
1995-2001	Assistant Consulting Professor	Duke University* Department of Surgery

*(Asheville NC VA Medical Center affiliation with Duke University orthopaedic residency program)

Administrative Appointments:

1993	Founder & President 1993-98, '06-'08	Carolina Orthopaedic Center P.C.
1995	Founder/ Lifetime Medical Director	Carolina Orthopaedic Research Foundation 501-3C
2009	Founding member and Medical Director	Center for Special Surgery, LLC
2010-present	Founding Board Member	Stelling / Riddle Orthopaedic Research Lab
2011-present	V. C. Quality & Medical Staff Affairs	Greenville Health System

Hospital Appointments/Privileges:

1992	Clinical Instructor (fellowship)	University of Utah Med Center, Division of Orthopaedics
1993	Orthopaedic Surgeon	Greenville Health System Active
1993	Orthopaedic Surgeon	St. Francis Health System Inactive
1995	Orthopaedic Surgeon	Asheville VAMC Inactive
1995	Orthopaedic Surgeon	Barge Hospital Bob Jones University Inactive

Other Experience:

2005-2015	Medical Officer	NDMS-National Disaster Medical System SC-1 DMAT Hurricane Katrina response team 2005 New Orleans Haiti Earthquake response team 2010 Port Au Prince Haiti
1995-1998	Orthopaedic Program Director	AIHA Croatia Medical Educational Exchange (Performed the first Arthroscopic knee surgery in Western Croatia 1997 at Biograd Orthopedic Hospital)
1990	Bioskills Workshop Instructor for AO Course for Orthopaedic Surgeons in Acute Orthopaedic Fracture Care.	University of Mississippi Medical Center Jackson, MS

Membership in professional/scientific societies:**National and International Societies:**

1991	American Academy of Orthopaedic Surgeons
1995-2015	International College of Surgeons
2000-2015	S.I.C.O.T. (Société Internationale de Chirurgie Orthopédique et de Traumatologie)
2008-2015	American Association of Hip and Knee Surgeons
2010-2015	American Orthopaedic Association- inactive

Local Societies:

1991	Secretary Treasurer	Mississippi Orthopedic Society
1993	Member	Greenville County Medical Society
1993	Member	South Carolina Orthopaedic Association
1997	Member	Eastern Orthopaedic Association
2001-2002	Treasurer	South Carolina Orthopaedic Association
2002-2003	Secretary	South Carolina Orthopaedic Association
2003-2004	Vice president	South Carolina Orthopaedic Association
2003-2004	Program Chairman	N.C. / S.C. Orthopaedic Association meeting.
2004-2005	President	South Carolina Orthopaedic Association

Extramural Grants/award amount:

J. Anker, TB Pace et al; NIH \$1.57 million 5 year grant for orthopaedic implant infection related research (COBRA). 2016.

S.W. Shalaby and T Pace, NIH Phase I, SBIR Grant
Intramedullary Controlled release of tobramycin and polymeric surface phosphonylated intramedullary rods, 2000. As co-investigator (15%of time)

PHS- Small Instrumentation Grant (NIH) (P.I.) - 1 S15 AR 41250-01 "Reciprocating table for tribological evaluation of biomaterials" 04-94 to 03-95 \$5,000 (M. LaBerge, Principal Investigator; T.B. Pace, co-investigator) 10% time

Greenville Hospital System Clemson University Biomedical Cooperative "Effect of DPPC depletion of the impairment of boundary lubrication of articular cartilage" 1994-1996 \$17,000 (PI; Co-PIs were P.F. Joseph, G.L. Powell, T.B. Pace) 10%time

Fullerton Foundation, Inc. Surface Engineering in Medicine - Equipment grant for a Knee Joint Simulator and Non-Contact Surface Profilometer 10-95 to 10-98 \$260,000 (P.Is. M. LaBerge and R. L. Dooley; co-PIs T.B. Pace, R.J. Friedman, D. Schulte, K. Chillag,) 10%time

NSF – CMS 9601859 "Acquisition of Equipment of Orthopaedic Bearing Systems Study" 10-96 to 09-98 \$156,790 (M. LaBerge, PI; T.B. Pace, co-investigator) 10%time

Intramural Grants/amount of awards:

Clemson NIH R01 Grant with Jeffrey Anker et al; \$1.57 million for a Novel Imaging Technique and Sensor to Detect Implant Infections.

Clemson University Department or Bioengineering Foundation
\$75,000 Unrestricted graduate student research start up grant awarded through Carolina Orthopaedic Research Foundation - Thomas B. Pace MD Medical Director 2005

Orthopaedic Medical Exchange Program between Carolina Orthopaedic Research Foundation and General Hospital of Zadar Croatia covering travel, lodging expenses and meals for 3 Croatian surgeons (Drs Bolfek, Labar, and Jasa from Zadar Croatia) each spending 4 weeks in Greenville SC at Bon Secours St Francis Hospital with any of three board certified orthopedic and general surgeons.
\$20,000 grant awarded through Carolina Orthopaedic Research Foundation- Thomas B. Pace MD Medical Director 2000

Josip Labar MD Memorial Endowment
Orthopedic Hospital of Biograd Croatia
\$10,000 endowment awarded through Carolina Orthopaedic Research Foundation- Thomas B. Pace MD Medical Director 2000

Awards, Honors, Membership in Honorary Societies:

1996 Samuel F. Hulbert Award in Bioengineering Clemson University Department of Bioengineering awarded in recognition of leadership and research contributions to Clemson University Department of Bioengineering.

1998 Recognition award by The American International Health Alliance and the United States Agency For International Development through the Franciscan- Zadar, Croatian Partnership and the Health Partnership Program in Central and eastern Europe.

2005 Honorary recognition for leadership at Bon Secours St Francis Health System Orthopedic Joint Replacement Surgery for Hip and Knee Replacement program awarded 5 star rating (top 1% in South Carolina and top 5% in the nation) by Health Grades for excellence in patient care and services.

2015 University of South Carolina School of Medicine Greenville (USCSOMG) Outstanding Clinical Teacher Award M-1 year

2015 University of South Carolina School of Medicine Greenville (USCSOMG) Outstanding Clinical Teacher Award M-2 year

2016 University of South Carolina School of Medicine Greenville (USCSOMG) Golden Peach Award in Excellence in teaching- M-1 year

2016 University of South Carolina School of Medicine Greenville (USCSOMG) Conscious Leadership Award in Excellence in Professional leadership and teaching- M-1 and M-2 year

2018 University of South Carolina School of Medicine Greenville (USCSOMG) Dean's Award

Academic Committee Activities:

2000- Present	Member	Clemson University Department of Bioengineering
2011-Present	Member	Greenville Hospital System Residency training program Curriculum Committee
2011-2018	Member	MSPIC (Medical Staff Performance Improvement Committee)
2012-Present	Member	USC SOM-Greenville Admission Committee
2011-2018	Vice Chair	Department of Orthopaedics Vice Chair of Medical Staff Affairs
2018-Present	Vice Chair	Department of Orthopaedics Vice Chair of Academic Affairs

**Doctoral Graduates:
(Committee member)**

Pooja Panigrahi "Decreased Viability, Proliferation, and Mineralization of Murine Osteoblasts in Clinically Relevant Doses of Protein-Stabilized Titanium Ions" April 2015

Estefania Alvarez "Surface Damage in Retrieved Total Knee Replacement Femoral Components" May 2012

Andrew Clark "Dynamic TKR Fluid Film Lubrication Measurement using Novel Pressure Sensor" May 2007.

John DesJardins "Tribological Systems for the Evaluation of Supercritical Carbon Dioxide Sterilized Ultra-High Molecular Weight Polyethylene" December 2006.

Matthew Gevaert "Wear Resistant Hard Elastmeric PU for Bearing Application" December 2003

Lisa C. Benson "Development of clinically relevant loading patterns for force-controlled knee joint simulation" December 2002

Sunita P. Ho "Nanotribology of the UHMWPE-Metal Contact" December 2001

Jonette M. Rogers. "Modeling of phospholipidic boundary lubricants for articular surfaces" August 1997

Masters Graduates:

Leah Nunez Lessons from Retroacetabular Grafting in THR applies to TKR 2012

Nicole Durig Assessment of Osteolysis in Modular stem TKR 2012

Masters Graduates cont:

Alison Lamb BioE Design Project Mentor 2012

Andrew Clark. "Dynamic experimental contact analysis of TKR", December 2003.

Amit Aurora "Effect of lubricant HA and PP concentration on crack propagation of UHMWPE" December 2003.

Stephanie M. Tanner "Rheological Properties of Knee Joint Lubricants" December 2002.

Rebecca Caldwell "The Effect of Surface Phosphorylation on the Tribological Properties of UHMWPE" May 1999

John Killar "Tribological evaluation of hemiarthroplasty bearing surfaces" May 1997

Stephen J. Smith "Histological and topographical modeling of avian articular cartilage: effects of aging and loading" December 1995

Robin M. Graham "Tribological study of fatigue resistant elastomer for orthopaedic bearing application" May 1995

Ming Wang "Use of ultrasounds to quantify cartilage degeneration" August 1994

Other Administrative commitments:

1995-1997	Member	Franciscan Sister's Of The Poor National Executive Council
2002-2004	Member	Bon Secours St Francis Health System O.R. committee
2004-2006	Member	Bon Secours St Francis Health System Utilization review committee
2006-2010	Member	Bon Secours St Francis Health System Infection Control committee
2011-present	Member	Medical Staff Performance Improvement Com. Greenville Health System
2011-present	Member	Surgical Care Improvement Committee Greenville Hospital System
2015-present	"	Chief of Clinical Sciences Division USCSOM-Greenville
2012-present	"	Clinical Professor of Orthopaedic Surgery/USCSOM-Greenville
2011-2018	"	Vice Chair of Medical Staff Affairs, Department of Neurosurgery and Orthopaedic Surgery GHS
2018-present		Vice Chair Academic Affairs Department of Orthopaedic Surgery GHS

Major Teaching Responsibilities:

Greenville Hospital System/ University of South Carolina School of Medicine

2012 – present	Module Director Integrated Practice of Medicine USCSOMG
2009 –present	Clinical Professor of Orthopaedic Surgery Greenville Health System University Medical Center
1993- present	Department of Orthopaedics Residency Program Clinical Instructor Total Joint Replacement Service PGY-3 and PGY-5 quarterly total joint rotation and residency clinic staffing
Total Joint Replacement service Asheville VA Medical Center	
1995 -2001	Attending surgeon for Duke University Orthopaedic residency PGY-3 and PGY-5 quarterly rotation through their VAMC total joint rotation.
Clemson University Department of Bioengineering: Graduate & Undergraduate Studies Education	
1995-present	BioE 812, Orthopaedic Pathology and Engineering (two hour lecture per semester)
1995-present	BioE 890, Internship preceptor for 20+ bioengineering graduate students
2004-present	BioE 450 – NIH-NSF BBSI Summer Program – clinical mentor for undergraduate students

Major Clinical Interests and Responsibilities:

Primary orthopedic clinical practice interest in clinical, basic science and biomechanical aspects of orthopaedic joint replacement surgery. Primary academic educational interest is application of innovative techniques in student centered learning in medical education.

Lectures and Presentations:

"Six Year Review of a Fully Integrated Clinical Medical School Curriculum: University of South Carolina School of Medicine Greenville"
Basel, Switzerland AMEE Annual meeting 2018

"Comparison of Conventional Polyethylene Wear and Signs of Cup Failure in Two Similar Total Hip Designs"
Pace, Keith, Alvarez, Snider, Tanner, DesJardins
SCOA Annual meeting Kiawah, SC August 3, 2012

4th Annual RLO Charleston SC - Mastering Joint Replacement Surgery 2012
Session Moderator: DVT May 11, 2012

“Intraoperative Platelet Gel Effects on Post-Surgical Complications Following Total knee arthroplasty”; Poster , Seventh SICOT/SIROT Annual International Conference, Gothenburg, Sweden August 31 – September 3 2010

“Clinical and Radiographic Evaluation of 300 cementless hip prosthesis: Average seven and a half year clinical and radiographic follow up of the Natural Hip”; Poster. Seventh SICOT/SIROT Annual International Conference, Gothenburg, Sweden August 31 – September 3 2010

“Bipolar Hip Hemiarthroplasty as an alternative to THA in patients with surgically Pristine acetabulum” Southern Orthopaedic Association 27th Annual Meeting Fajardo, Puerto Rico June 16-19 2010

“Clinical and Radiographic Evaluation of 100 Cementless Natural Hip Prosthesis” SCOA Annual Meeting, Kiawah Island SC. August 6-9 2009

“Cementless Total Hip Arthroplasty using Natural Hip design. Clinical and radiographic assessment of 100 consecutive total hip arthroplasties performed by the author using a titanium, cementless, proximal ingrowth, distal tapered femoral component design are reported with 12-15 year follow up’ 36th Biennial World Congress of the International College of Surgeons Vienna, Austria. December 3-6 2008.

“Tips, Pearls and Lessons Learned in Managing infected Total Joint Replacements for 15 years”
36th Biennial World Congress of the International College of Surgeons Vienna, Austria. December 3-6 2008

“Early Manipulation Rates in Total Knee Replacement Surgery with and without use of Platelet Gel Wound Dressing ”
36th Biennial World Congress of the International College of Surgeons Vienna, Austria. December 3-6 2008

Lectures and Presentations cont:

Hip, Knee and Shoulder Symposium
Arthritic Hip, Knee and Shoulder Course
“Early experience with Metasul metal on metal bearing surfaces in total hip arthroplasty- 2-4 yr follow up” Park City, UT 2004

Hip, Knee and Shoulder Symposium
Arthritic Hip, Knee and Shoulder Course
“Stanmore knee simulator testing results of various manufacturer’s modular tibial polyethylene in Total Knee replacement Surgery” Park City UT 2003

South Carolina Orthopaedic Association
“Croatian Orthopedic Medical Exchange Program”
Kiawah Island, SC 2003

South Carolina orthopaedic Association
 "Premature failure of a hip hemiarthroplasty secondary to osteolysis
 and aseptic loosening. An interesting case report" Charleston, SC 2002

Presidential Invited Guest Speaker
 "Current concepts in alternative total hip replacement bearing surfaces"
 Indiana Orthopaedic Society
 Bloomington, Indiana April, 2001

Role of highly cross linked UHMWPE in total knee replacement surgery
 Clemson Department of Bioengineering graduate student lecture series
 Carolina Orthopaedic Research Foundation Seminar Greenville, SC 2000

Hip, Knee and Shoulder Symposium
 Moderator/Presenter
 Arthritic Hip, Knee and Shoulder Course
 "Resurfaced vs. Un-Resurfaced Patella in TKA 5 year follow up"
 Park City UT 1998

Duke University Dept of Orthopaedics Grand Rounds
 "Management challenges in Infected Total Hip and Knee Arthroplasty"
 Durham, NC September 1997

Clemson University Department of Bioengineering
 Medical Ethics Seminar
 "Assessment and utilization of evolving technologies in total hip and knee
 replacement surgery- the physician's obligation" Clemson, SC 1997

Lectures and Presentations cont:

South Carolina Orthopaedic Association
 "Surfaced vs Un-Resurfaced Patella in TKA 5 year follow up"
 Charleston SC 1997

South Carolina Orthopaedic Association
 "Morphological Analysis of UHMWPE Wear Particles
 From Synovial Fluid of Revised THA and TKA"
 Charleston SC 1997

International College of Surgeons XX European
 Federation of Congress
 "Examination by Frozen Section as an Indicator of
 Infection in Hip and Knee Arthroplasty in Community Hospitals
 Athens Greece 1997

Carolina Orthopaedic Research Foundation

“Current Concepts in Joint Replacement Surgery Hip and Knee”
Greenville SC 1997

American Academy of Orthopaedic Surgeons Annual Meeting
“Articulation Antibiotic Spacers in Infected Arthroplasty”
Scientific Poster/Exhibit
AAOS, Orlando FL 1995

North Carolina/ South Carolina Association
“Medial Opening HTO with Magnuson Debridement for early genuvarus OA”
Scientific Presentation Asheville NC 1994

Southern Orthopaedic Association
“Medial Opening HTO with Magnuson Debridement for early genuvarus OA”
Scientific Presentation Bermuda 1994

Hip and Knee Society
“Anatomy of medial and lateral patella facets: Implications in total knee arthroplasty”.
Scientific Presentation
Los Angeles, CA 1994

American Academy of Orthopaedic Surgeons
61st Annual Meeting
“Opening Medial Wedge Osteotomy for Osteoarthritis of the Knee”
“Revision TKA with Unconstrained Tibial Implants: 7 year Follow-up”
New Orleans LA February 1994

Publications:

Peer Reviewed Journal Articles:

1. Pooja et al, Effects of metal ions used in orthopaedic hip and knee arthroplasty on surrounding and remote tissue. Journal of Biomedical Materials Research: submitted 6/2015
2. Pace, TB et al, Short-term results of novel constrained total hip arthroplasty ; Orthopedic Reviews 6/5/2015
3. Pace, TB, Parsons C, Batson R, Reighard S, Tanner S, Snider, B. “ Clinical outcomes assessment of three similar hip Arthroplasty bearing surfaces” Orthopedic Review 2014 Volume 6 Number 2
4. Pace TB, Karegeannēs JC, Palmer MJ, Tanner SL, Snider, RG. “Clinical and Radiographic Evaluation of a Commercially Pure Cancellous-Structured Titanium Press Fit Total Hip Prosthetic Stem: Ten Year Follow-up of the “Natural Hip” Femoral Stem” Advances in Orthopedic Surgery Volume 2014 Article ID 814156 7 pages

5. Durig N, Pace TB, Broome B, Osuji O, Harman MK. "Clinical outcomes of Tibial Components with Modular Stems Used in Primary TKA" *Advances in Orthopedics* Volume 2014 Article ID 651279 6 pages
6. Pace, TB, Prather B, Burnikel B, Shirley B, Tanner SL, Snider RG. "Comparative Outcomes Assessment: Hip Hemiarthroplasty as an Alternative to THA in Patients with Surgically Pristine Acetabulum – Is There Still a Role?" *IRSN Orthopedics* Volume 2013 Article ID 632126, 6 pages
7. George G, Durig N, Lee S, Tanner S, Snider R, Pace TB. "Clinical and Radiographic Comparisons of Oxidized Zirconium and Cobalt Chrome Femoral Components of a Single Design Primary Total Knee Arthroplasty: Is the Cost Difference Justified Based on Patient Outcomes?" *IRSN Biomaterials* Volume 2013 Article ID 174298 7 pages
8. Nunez L, Broome B, Pace TB, Harman M. "Treatment for Wear and Osteolysis in Well-Fixed Uncemented TKR," *ISRN Orthopedics*, Volume. 2013, Article ID 398298, 6 pages, 2013. doi:10.1155/2013/398298
9. Pace TB, Keith KC, Alvarez E, Snider R, Tanner S, DesJardins JD. "Comparison of Conventional Polyethylene Wear and Signs of Cup Failure in Two Similar Total Hip Designs," *Advances in Orthopedics*, Volume. 2013, Article ID 710621, 7 pages, 2013. doi:10.1155/2013/710621
10. Pace TB, Rusaw KA, Minette LJ, Shirley BR, Snider RG, DesJardins JD. "Metal-on-Metal Hip Retrieval Analysis: A Case Report," *Case Reports in Orthopedics*, Volume 2013, Article ID 398973, 5 pages, 2013. doi:10.1155/2013/398973
11. Pace TB, Foret JL, Palmer MJ, Tanner SL, Snider RG. "Intra-operative Platelet Rich Plasma Usage in Total Knee Arthroplasty: Does It Help?," *ISRN Orthopedics*, Volume 2013, Article ID 740173, 4 pages, 2013. doi:10.1155/2013/740173
12. Pace TB, Keith K, DesJardins J, Alvarez E, Snider R, Tanner S. "Comparison of Conventional Polyethylene Wear and Signs of Cup Failure in Two Similar Total Hip Designs", *Advances in Orthopaedics* March 2013
13. Nunez L, Pace TB. "Lessons from Retroacetabular Grafting in THR applied to TKR. *ISRN Orthopedics* January 2013
14. Jeray K, Goetz D, Broderick S, Porter S, Pace T, Tanner S, Snider R: Central coordination as a alternative for local coordination in a multicenter randomized controlled trail: the FAITH trial Experience. *International Trials Journal* 2012 13:5
15. Clark, AC, DesJardins JD, Pace TB, LaBerge M. Dynamic Contact Stress Distribution in a Conforming and a Standard Tibial Insert Using a New Contact Sensor Technology. *Journal of Arthroplasty*. May 2008.
16. J.D. DesJardins, S.A. Banks, T. Pace, M. LaBerge, "A Direct Comparison of Patient and Simulator Total Knee Replacement Kinematics". *Journal of Biomechanics* Vol. 40, Issue 15, pp. 3458–3466 2007.
17. DesJardins I, Aurora A, Tanner SL, Pace TB, Acampora KB, LaBerge M. Increased total knee arthroplasty ultra-high molecular weight polyethylene wear using a clinically relevant hyaluronic acid simulator lubricant. *Proc Inst Mech Eng [H]*. 2006 Jul;220(5):609-23.

18. Benson LC, Pace TB, LaBerge M. Knee Joint Loading Patterns During Activities of Daily Living in TKR Patients. American Society of Mechanical Engineers Congress 2003, Washington DC, November 2003.
19. Rizzo M, Pace TB, Premature failure of a hip hemiarthroplasty secondary to osteolysis and aseptic loosening. *Am J Orthop.* 2003 Apr; 32(4):206-9.
20. L.C. Benson, J.D. DesJardins, T. Pace, M. LaBerge, Stair Descent Load Pattern for Total Joint Simulation. Proceedings of the 48th Annual meeting of the Orthopaedic Research Society, February 10-13, 2002, Dallas, Texas.
21. Desjardins JD, Banks SA, Benson LC, Pace TM, LaBerge M. A Direct Comparison of Patient and Simulator Total Knee Replacement Kinematics. 47th Annual Meeting of the Orthopaedic Research Society to be held in San Francisco, CA, February, 2001.
22. Pace, TB. Clinical evaluation of a new total hip prosthetic design: 100 consecutive cementless total hip arthroplasties using Sulzermedica's "Natural Hip" with two to six year clinical and radiographic follow up. *Critical reviews in Biomedical Engineering* 2000; vol.28 (1-2), pp3-6.
23. Rogers JM. Powell GL, Pace, T, *LaBerge, M. Effect of phospholipidic boundary lubrication in rigid and compliant hemiarthroplasty models. *Proc. Instn Mechanical Engineers* vol 213 Part H: 5-18, 1999.
24. Pace TB, Jeray K, Latham T: Synovial Tissue Examination by frozen section as an indicator of infection in hip and knee arthroplasty in community hospitals. *The Journal of Arthroplasty*, Vol. 12No.1 1997
25. Smith ST, Harris JE, Hall MA, Pace TB, LaBerge M., Fourier Regression Modeling of Articular Cartilage Surface. 5th World Biomaterials Congress, Toronto, Canada, May 29 - June 2, p. 387, 1996.
26. Rogers JM., Powell GL, Joseph PF, Pace TB, LaBerge M., Effect of Phosphatidylcholine Chain Length on the Friction of Rigid Bearing Surfaces. 5th World Biomaterials Congress, Toronto, Canada, May 29 - June 2, p.873, 1996.
27. Pace TB, Carantzas AC: Wound Healing after TKA: Use of calcium alginate topical wound care. *Journal of Orthopaedic Techniques*, Vol 3 No.1 March 1995
28. Pace TB, Hofmann AA, et al: Opening Medical High Tibial Osteotomy with Magnuson Debridement for severe traumatic gonarthrosis. *Journal of Orthopaedic Techniques*, Vol 2 No. 1 March 1994
29. Pace TB: Total Hip Arthroplasty, Are dislocations related to surgical approach? Review of 1,000 total hip arthroplasties from The University of Edinburgh, Princess Margaret Rose Orthopaedic Hospital. *Journal of Orthopaedic Techniques*, Vol.2 No.4 Dec 1994

Scholarly Books and Monographs:

Medical Expedition to Nepal 1982
 Combined University of Mississippi and Johns Hopkins University School of Medicine Expedition.
 Monograph publication of a general health status assessment of the indigenous population of Pokara region in western Nepal.

Chapters in Scholarly Books and Monographs:

Knee Surgery Editors: Freddie Fu, Christopher Harner and Kelley Vince
 Cruciate Ligament Retention in Total Knee Arthroplasty Co-authored
 Chapter 31 (pp.1313-1320)
 Williams and Wilkins 1994
 Thomas B Pace MD
 Clinical Instructor
 Division of Orthopaedic Surgery
 University of Utah Medical Center
 Salt Lake City, Utah

Surgical technique supplement Intermedics Natural Knee Metal Spacers addressing medial and lateral tibial plateau bony defects 1994 co-authored with A.A. Hofmann

Surgical technique brochure for Natural Hip implant revision cemented stem calcar replacement implant.
 co-authored with A.A. Hofmann.
 Sulzermedica 1999

Slobodna Dalmacija
 Regional Newspaper Article
 "Performed the first Arthroscopic knee surgery" in Western Croatia 1997 at Biograd Orthopedic Hospital -T.
 B. Pace MD operating, educating and training Croatian orthopaedic surgeons in their local hospitals.
 Zadar, Croatia 1997

Community Service:

2005 – 2015 National, state and local disaster medical preparedness planning.

Semi-annual regional 2 day drills with 100 hours of CME certification in disaster relief and Incident Command System programs.
 SC Medical Disaster Management Team Medical Officer (SC-1 DMAT)
 Deployment: New Orleans Oschner Orthopedic Hospital Hurricane Katrina 2005
 Deployment: Haiti Earthquake 2010 US Embassy

Current studies and research interest (as of 2017):

A Two- Pronged Approach to Genetic Curriculum; An innovative medical school curriculum design.

Script Concordance Testing: An innovative medical school curriculum design.

Comparative learning outcomes strategies for accelerated medical school clinical experience in the early years.

Cost and value in patient outcomes in hip and knee joint arthroplasty.