



Penn Surgery Society NEWS

FALL 2019

The Penn Surgery Society News is published quarterly for its members, colleagues and friends of the Department of Surgery. For submissions, inquiries or comments, please contact clyde.barker@uphs.upenn.edu.

Message from the Chairman



Ron DeMatteo, MD

John Rhea Barton
Professor and Chairman
of Department of Surgery

GIANTS

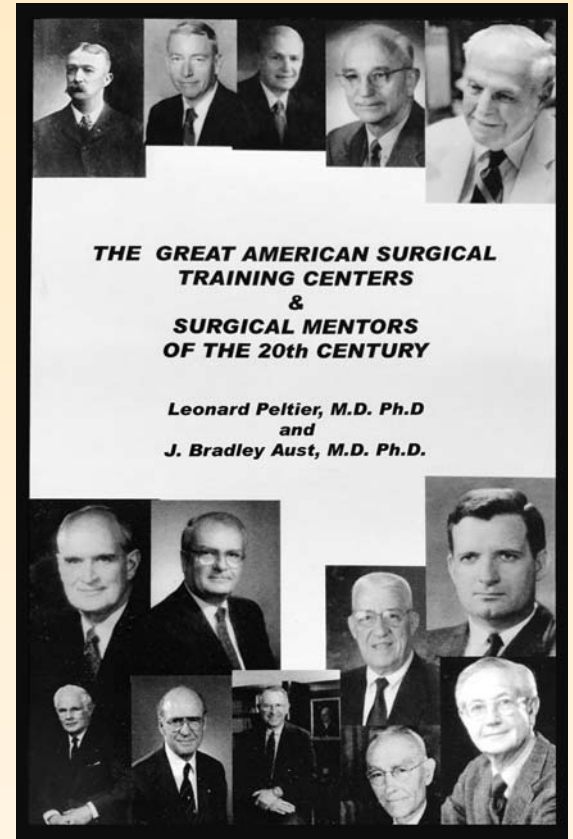
The French philosopher Bernard de Chartres wrote in the 12th century that dwarfs stand on the shoulders of GIANTS, as a metaphor that truth is revealed by building on prior discoveries. Nowadays, many use this expression in a humble manner to acknowledge those who have helped them achieve. There have been a variety of GIANTS in the world. Goliath was the most notable biblical GIANT and stood at six cubits and a span tall (~6 feet 9 inches). By comparison, the professional wrestler Andre the

GIANT was 7 foot 4 inches and weighed 520 pounds. Lawrence Taylor is regarded as the best New York GIANT ever. GIANT has given rise to GOAT (Greatest of All Time), which was first (fittingly) coined by the wife of Muhammed Ali.

Physicians have romanticized the connotation of GIANT to be a legendary doctor. The “days of the GIANTS” are routinely touted as an idyllic, foregone period that cannot be recreated. As far as I can tell, those days generally occurred 20-30 years prior to when someone is lamenting about it. Essentially, the converse occurs when someone tries to define “old” age. However, upon deeper analysis, those days were probably not so great, at least for the patients. Medical imaging was less precise, the pathogenesis of disease was less understood, and there were fewer medications. As an example, the CT scanner has largely replaced Cope’s Early Diagnosis of the Acute Abdomen. You never see anyone carrying that book anymore (like I did). In some respect, the days of the GIANTS may really just be a way to contend that successive generations are not as well trained or working as hard (or walking as far in the snow to school).

A regular feature of The Journal of Clinical Investigation is Ushma Neill’s “Conversations with GIANTS in Medicine.” Think of James Lipton’s “Inside the Actors Studio,” except for scientists. Recent interviews have included Mary-Claire King, Bruce Alberts, and Laurie Glimcher. Of course, there are also many Giants in Surgery. The accompanying photo is the cover of a book entitled “Great American Surgical Training Centers & Surgical Mentors of the 20th Century.” Dr. Barker is shown in the top left. Admittedly, I can only recognize 6 of the 14 mentors. Clearly, there is a half-life even for GIANTS.

There are numerous other GIANTS of Penn Surgery. How to become a GIANT is uncertain, but there seems to be a few recipes for success. For instance, be a great educator (Ernie Rosato), develop a surgical instrument (John Deaver), assist in an operation on a U.S. President (I.S. Ravdin), be the subject of a famous painting (D. Hayes Agnew), or develop a new therapy (Stanley Dudrick and Jonathan Rhoads). At Penn, we are fortunate to be surrounded by potential GIANTS, with few Lilliputians to be found.



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From the Editor
Clyde F. Barker, M.D.

The Named Lectures

At HUP the named lectureship is a fairly recent creature. Until the middle of the 19th century American medical school curricula were limited to dissection of cadavers and large lectures usually given by the school’s professor to the entire student body. Bedside teaching of small groups of students did not begin in this country until it was started at HUP by William Pepper in 1877.

In the 1940’s and 50’s Dr. Ravdin expanded the curriculum by inviting many of the country’s prominent surgeons to HUP as visiting professors, but the lectures they gave were not named. Not until 1960 did Dr. Rhoads, then a new department chairman, begin naming the lectures. Not surprisingly he named the first one for the School’s iconic figure, D. Hayes Agnew.

Additional named lectures were not necessarily established by careful consideration of a potential honoree’s academic rank or accomplishments, but instead often spontaneously to memorialize a beloved colleague, suddenly lost through retirement or death. Indeed, only one of HUP’s lectureships is named for a department chair, Dr. Agnew. Nevertheless, I believe that the priorities, values and culture of the Department are easily recognized by reviewing the names of the lectureships and the invited speakers. The list of Agnew lecturers is remarkable. It traces the very history of the field of surgery and its accomplishments over the last 6 decades.

D. Hayes Agnew Lecturers

- 1960 William A. Altemeier
- 1962 Francis D. Moore
- 1963 John H. Gibbon, Jr.
- 1964 Charles G. Child, III
- 1965 Owen H. Wangensteen
- 1966 Charles G. Rob
- 1967 Denton A. Cooley
- 1968 J. Englebert Dunphy
- 1969 Norman E. Shumway
- 1970 William A. Altemeier
- 1971 David C. Sabiston, Jr.

- 1972 Francis D. Moore
- 1974 Curtis P. Artz
- 1975 G. Tom Shires
- 1976 H. William Scott, Jr.
- 1977 Marshall J. Orloff
- 1978 James C. Thompson
- 1979 Alexander J. Walt
- 1980 Ward O. Griffen, Jr.
- 1981 W. Dean Warren
- 1982 M. Judah Folkman
- 1983 Peter J. Jannetta

- 1984 Samuel A. Wells
- 1985 Keith Reemstma
- 1986 Seymour I. Schwartz
- 1987 David B. Skinner
- 1988 John L. Cameron
- 1989 William P. Longmire
- 1990 Richard L. Simmons
- 1991 John A. Mannick
- 1992 Jonathan E. Rhoads
- 1993 Sir Peter J. Morris
- 1994 Edward M. Copeland, III
- 1995 R. Scott Jones
- 1996 Stanley J. Dudrick
- 1997 Thomas E. Starzl
- 1998 James C. Thompson
- 1999 Andrew L. Warshaw
- 2000 John M. Daly
- 2001 Danny O. Jacobs
- 2002 W. Randolph Chitwood, Jr.
- 2003 Michael J. Zinner
- 2004 Barbara L. Bass
- 2005 Ronald W. Busuttill
- 2006 Hiram C. Polk, Jr.
- 2007 Richard K. Reznick
- 2008 Josef E. Fischer
- 2009 Professor the Lord Darzi



- 2010 Steven A. Rosenberg
- 2011 Robin S. McLeod
- 2012 Haile T. Debas
- 2013 Diana L. Farmer
- 2014 Keith D. Lillemoe
- 2015 Julie Ann Freischlag
- 2016 Fabrizio Michelassi
- 2017 Henri R. Ford
- 2018 Gary L. Dunnington
- 2019 Jennifer S. Lawton
- 2020 Susan Moffatt-Bruce



Julian Johnson Lecture

HUP's second named lecture was established in 1974 to honor Julian Johnson who had recently retired. Julian Johnson, one of



- | | |
|-----------------------------|-------------------------------|
| 1974 James Hardy | 1983 Gordon K. Danielson, Jr. |
| 1975 John W. Kirklin | 1984 Denton A. Cooley |
| 1976 David C. Sabiston, Jr. | 1985 Bruce A. Reitz |
| 1977 Norman E. Shumway | 1986 Paul A. Ebert |
| 1978 Frank C. Spencer | 1987 Henry T. Bahnsen |
| 1979 W. Gerald Austen | 1988 Joel D. Cooper |
| 1980 Dwight C. McGoan | 1989 William S. Pierce |
| 1981 E. Stanley Crawford | 1990 Aldo R. Casteneda |
| 1982 Albert Starr | 1991 Judah Folkman |

the World's pioneers in cardiothoracic surgery, was a master surgeon, surely HUP's best. I loved the old SOB but because he was such a perfectionist and strict disciplinarian he was unpopular with many of the residents. Jim Hardy, HUP chief resident in 1949, was the first surgeon to perform human heart and lung transplants. In 1974 he was selected as the first Johnson lecturer. The next two decades were perhaps CT Surgery's finest; it's leaders virtually dominated academic surgery in America. The stars of that remarkable era all appear on the list of Johnson lecturers. Each of them paid tribute to Johnson's pioneering influence.



Penn's modern Department of Surgery had been founded in 1946 by I.S. Ravdin and his two partners, Jonathan Rhoads and Julian Johnson. Dr. Ravdin endowed the Johnson lecture through his Buckingham Foundation. Why a HUP lecture has never been named for I.S. Ravdin is hard to understand.

- | | |
|-------------------------|-------------------------|
| 1992 Victor Parsonnet | 2012 Frank Sellke |
| 2003 Hartzell V. Schaff | 2013 Joel D. Cooper |
| 2004 Alvan Carpentier | 2014 Mark Slaughter |
| 2006 Tirone E. David | 2015 Clyde F. Barker |
| 2007 Eric A. Rose | 2016 O.H. Frazier |
| 2008 Joseph S. Coselli | 2017 Joseph E. Bavaria |
| 2009 Shaf Keshavjee | 2018 Samer A. M. Nashef |
| 2010 Robert A. Guyton | 2019 Robert J. Cerfolio |
| 2011 John B. West | |

Robert G. Ravdin Lecture

HUP's third lectureship was named after I.S. Ravdin's son Bob. It began in 1974, the same year as the Julian Johnson lecture, but the 2 honorees could not have been more different. Johnson, famous as much for his intimidation of residents as for his preeminence as a surgeon, was feared by his trainees. In contrast, Bob Ravdin was beloved by the residents for his remarkably sensitive concern for them and for his patients. In fact this quality was responsible for the lectureship. Money to endow it was raised by the residents to honor their favorite mentor.



- Bob Ravdin was a brilliant young surgeon who died too
- | | |
|---------------------------|------------------------|
| 1974 Lewis Thomas | 1985 Thomas J. Krizek |
| 1975 Edmund D. Pellegrino | 1986 Fritz Linder |
| 1977 J. Englebert Dunphy | 1990 C. Rollins Hanlon |
| 1980 C. Everett Koop | 1992 Joseph Murray |
| 1981 Daniel Hadlock | 1994 George Sheldon |
| 1982 Richard A. Selzer | 1996 C. Everett Koop |
| 1983 Francis D. Moore | 2005 Michael Longaker |
| 1984 John Philip Sandblom | 2006 David Bartlett |

soon. He graduated from Harvard at age 15 and from Columbia's medical school after only 3 years. After a HUP residency, his father appointed Bob to the faculty where I always thought too much of his time was consumed by managing his father's huge practice. His major professional accomplishment was initiating and managing HUP's cancer chemotherapy clinic, perhaps the Nation's first. At age 50 he suffered a fatal heart attack while playing bridge at Philadelphia's Union League. A staunch political liberal, Bob would have appreciated the irony of this site for his demise. Early speakers were chosen by the residents to reflect Bob's broad interests.

- | | |
|-----------------------------|---------------------------|
| 2007 Robert Udelsman | 2015 Steven K. Libutti |
| 2008 Douglas S. Tyler | 2016 Nipun Merchant |
| 2009 James Pingpank Jr. | 2017 Richard Hodin |
| 2010 Funda Meric-Bernstam | 2018 David L. Bartlett |
| 2011 Herbert Chen | 2019 H. Richard Alexander |
| 2012 John A. Olson | |
| 2013 Monica Morrow | |
| 2014 Timothy Michael Pawlik | |

From the Editor (continued from page 3)

Julius A. Mackie Distinguished Graduate Award and Lecture

In 1991 the Department began selecting from the list of former HUP residents a distinguished graduate of the year. This custom was interrupted in 1998. When it was resumed the *Distinguished Graduate Professorship and Lecture* was given a name, that of Julius A. Mackie. Jack Mackie, a beloved HUP surgeon who died in 2003, was an unusually gifted technical surgeon. But it was his devotion to pre and post-operative care of his patients that really set him apart. His attention to detail sometimes drove his resident staff crazy, but it saved lives. It's value was reinforced strikingly by one case. On a late night check of his own and other patients, Jack discovered and treated a tension pneumothorax that had been missed on routine rounds by other surgeons and their staff. This otherwise fatal complication had taken place in Jack's faculty colleague, Cleat Schwegman, who had been operated on by another surgeon.

Jack's wife Joan's generous support of the lecture and the accompanying annual dinner have made the distinguished graduate celebration one of the Department's most popular traditions.



- 1991 James D. Hardy
- 1992 James C. Thompson
- 1994 Edward M. Copeland, III
- 1995 R. Scott Jones
- 1996 Stanley J. Dudrick
- 1997 C. Everett Koop
- 1998 Moritz M. Ziegler
- 2005 Edward M. Copeland, III
- 2007 Ronald P. DeMatteo
- 2009 Stephen T. Bartlett
- 2010 Danny O. Jacobs
- 2011 W. Roy Smythe
- 2012 James D. Luketich
- 2013 Michael A. Choti
- 2014 Howard A. Reber
- 2015 Omaida C. Velazquez
- 2016 James F. Markmann
- 2017 Kenneth L. Brayman
- 2018 Steven J. Fishman
- 2019 Mark B. Faries

Gordon P. Buzby Lecture on Leadership

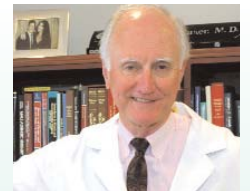


Gordon Buzby the director of HUP's surgical residency program died in 2003 at age 50 after a battle with lung cancer. Gordon was an athlete. An expert sailor from childhood, he became national intercollegiate sailing champion. He was especially admired and respected by the residents for his leadership skills and style. Therefore, in endowing this lectureship Gordon and his wife and family specified that leadership be a criterion for selecting speakers.

- | | | |
|------------------------|---------------------------|-----------------------------|
| 2004 Thomas J. Krizek | 2010 Ralph W. Muller | 2016 Dereck/Beverly Joubert |
| 2005 Roch Parayre | 2011 Jennifer J. Deal | 2017 Jane Golden |
| 2006 Michael Useem | 2012 Keanneth R. Feinberg | 2018 Larry R. Kaiser |
| 2007 William N. Kelley | 2013 Arthur H. Rubenstein | 2019 Philip Mudd |
| 2008 Mario Moussa | 2014 Jack Devine | |
| 2009 Layton F. Rikkers | 2015 Peter Bergen | |

Linton Whitaker Lectureship

Linton Whitaker is one of the world's most important pioneers in craniofacial surgery. The spectacular results of these operations made him perhaps the most famous of HUP surgeons. He was Chief of the Division of Plastic Surgery from 1987 to 2004. He also founded the unique *Center for Human Appearance*. In addition to the HUP lecture the American Society of Craniofacial Surgery has established another an annual lectureship in his name.



- | | | |
|--------------------------|----------------------|----------------------|
| 2006 Fernando Monasterio | 2011 Robert J. Allen | 2016 James Zins |
| 2007 Fu Chan Wei | 2012 Fernando Molina | 2017 Stephen Baker |
| 2008 Paul N. Manson | 2013 John A. Persing | 2018 Richard Warren |
| 2009 Jeffrey Fearon | 2014 Eric Arnaud | 2019 Mirko Gilardino |
| 2010 Scott P. Bartlett | 2015 Joseph E. Losee | |

John Paul Pryor Oration

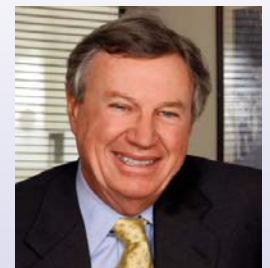


John Pryor was serving his 2nd deployment in Iraq when on Christmas Day 2008 he was killed by enemy fire. Prior to his military service he had been director of Bill Schwab's trauma program at HUP. In the new trauma center at Presbyterian Hospital the *Shock, Trauma and Resuscitation Unit* is named for John Pryor.

- | | | |
|---------------------------|--------------------------|-------------------------|
| 2009 David V. Feliciano | 2012 Jay A. Johannigman | 2016 Lenworth Jacobs |
| 2010 Andrew B. Peitzman | 2013 Martin A. Schreiber | 2017 Michael F. Rotondo |
| 2011 Arthur L. Kellermann | 2014 Raul Coimbra | 2018 Amy J. Goldberg |
| 2011 Robert C. Mackerse | 2015 Grace Rozycki | 2019 John Efron |

Ernest F. Rosato - William Maul Measey Endowed Lectureship in Surgical Education

Highly respected for his mastery of technical surgery and thoughtful patient management, Ernie Rosato was regarded by the residents as thier most important role model in these areas. Shortly before Ernie's untimely death The Measey Foundation established this lecture which is intended to emphasize surgical education. Fortunately Ernie was able to attend the first lecture.



- | | | |
|-------------------------|----------------------|------------------------|
| 2011 Clyde F. Barker | 2014 L.D. Brit | 2018 Selwyn M. Vickers |
| 2011 Stanley J. Dudrick | 2015 Ronald C. Jones | 2019 Michael L. Nance |
| 2012 Keith R. Erickson | 2016 John L. Tarpley | |
| 2013 John R. Potts, III | 2017 Steven C. Stain | |

In addition to the 8 HUP named lectures (pages 2-4), described on this page are several other named lectures. They were not established by HUP and do not (usually) take place at HUP. Thus these are not truly HUP lectures, but they are named for and given in honor of HUP surgeons. I confess there could be

other named lectures of which I am not familiar, perhaps proposed by other societies or by Penn Surgery divisions. Examples are the Linton Whitaker Lecture of the American Society of Craniofacial Surgery and the new Herndon B. Lehr Lecture of the HUP Plastic Surgery Division.

I.S. Ravdin Lecture in the Basic and Surgical Sciences

This distinguished lecture is given at the Clinical Congress of the American College of Surgeons, one of only 10 named lectures of the College. It was established in 1964 by Dr. Ravdin's colleagues and trainees of the I.S. Ravdin Society. For reasons I never understood this society and its successor, the Ravdin - Rhoads Society were discontinued in 2001. Because of Dr. Ravdin's prominence and contributions to the College this lecture continues to be given annually. It has a very illustrious cast including 8 Nobel Prize winners.



1964	R. E. Billingham
1965	J. H. Comroe, Jr.
1966	P. A. Weiss
1967	R. A. Gregory
1968	D. V. Bates
1969	A. C. Kornberg
1970	G. F. Cahill, Jr.
1971	R. A. Good
1972	H. B. Glass
1973	F. Storey Musgrave

1974	Charles B. Huggins
1975	Arthur C. Guyton
1976	James Watson
1977	Norman C. Staub
1978	Paul Berg
1979	Alfred E. Harper
1980	Rosalyn Yalow
1981	Britton Chance
1982	John B. West
1983	C. G. Cochran
1984	Charles A. Dinarello
1985	Howard Green
1986	John H. Exton
1987	Peter A. Ward
1988	Daniel Nathans
1989	Paul D. Hart
1990	Victor F. Weisskopf
1991	Joseph E. Murray
1992	C. Robert Valeri
1993	Salvador Moncada
1994	M. Judah Folkman
1995	Leroy E. Hood
1996	Douglas W. Wilmore

1997	Richard L. Simmons
1998	Frank A. Plummer
1999	A. Gerson Greenberg
2000	John A. Mannick
2001	Robert H. Bartlett
2002	James C. Stanley
2003	Steven A. Rosenberg
2004	Thomas E. Starzl
2005	Timothy G. Buchman
2006	Michael R. Harrison
2007	Joseph P. Vacanti
2008	David N. Herndon
2009	Michael T. Longaker
2010	Ian Frazer
2011	Robert D. Howe
2012	Richard S. Hotchkiss
2013	Roy A. J. Spence
2014	Piero Anversa
2015	Melvin J. Silverstein
2016	Andres M. Lozano
2017	John C. Alverdy
2018	John J. Fung
2019	Ronald V. Maier

William T. Fitts Lectureship

The American Association for the Surgery of Trauma established the William T. Fitts Lectureship in 1975 to memorialize the many contributions made by Dr. Fitts as President and Secretary of the Association and as Editor of the Journal of Trauma.



1975	Curtis P. Artz	1998	Leonard Evans
1976	Francis D. Moore	1999	Barbara Barlow
1977	G. Tom Shires	2000	Johannes A. Sturm
1978	Lloyd D. MacLean	2001	Janet Reno (Cancelled)
1979	Mr. Peter S. London	2002	C. James Carrico
1980	Carl T. Brighton	2003	Ellen J. MacKenzie
1981	John W. Kinney	2004	Colonel John Holcomb
1982	Thomas W. Langfitt	2005	Sylvia D. Campbell
1983	Col. Robert Scott	2006	Sten E.V. Lennquist
1984	F. William Blaisdell	2007	Thomas M. Scalea
1985	Donald P. Becker	2008	Charles E. Lucas
1986	Sheng Chih-Yong	2009	Frederick P. Rivara
1987	Paul Dudley Hart	2010	Charles N. Mock
1988	Roderick A. Little	2011	H. Leon Patcher
1989	Prof. Martin Allgower	2012	David B. Hoyt
1990	Philip R. Lee	2013	Frank R. Lewis, Jr.
1991	Donald D. Trunkey	2014	Ronald G. Tompkins
1992	Basil A. Pruitt, Jr.	2015	L.D. Britt
1993	John H. Davis	2016	M. Margaret Kundson
1994	John R. Border	2017	Ronald Maier
1995	Jonathan E. Rhoads	2018	C. William Schwab
1996	Susan P. Baker	2019	Timothy C. Fabian
1997	George F. Sheldon		

Jonathan E. Rhoads Commemorative Lecture and Gold Medal

In 1996 this lecture was established by Herman Goldstine, Rhoads' close associate at the American Philosophical Society.



Goldstine, a mathematician, was a member of the team responsible for developing ENIAC, the world's first electronic computer. He and his friends contributed all of the funds to endow this lecture. Goldstine specified that responsibility for the lecture should rotate between three of the institutions that had been headed by Rhoads, the American Philosophical Society, HUP's Department of Surgery and the Philadelphia College of Physicians. The topic of lecture was intended to be relevant to the broad field of medicine rather than narrowly focused on surgery. The speaker is also given a solid gold medal. Every third-year Penn Surgery's Chairman has the opportunity to pick the speaker and the site of the lecture.

Lectures given at HUP

2002	Thomas E. Starzl
2007	Clyde F. Barker
2010	John E. Niederhuber
2014	Jeffrey I. Gordon
2018	Timothy R. Billiar

Rhoads Prize Lectures - not given at HUP

U.S. Senator Marie Kassebaum-Baker; Surgeons Francis Moore, Judah Folkman, Micheal DeBakey, Scott Jones; Nobel Laureate Joseph Murray; Lasker Awardees Aaron Beck and Mary Claire King; Assistant Surgeon General Ann Schuchat; NIH Director Elias Zirahouni; medical writers Lawrence Altman, Sherwin Nuland and Abraham Verghese.

2019-2020 Lecture Schedule - Including HUP Named Lectures

September 20, 2019

(At American Association of Trauma Surgeons - Dallas)

William T. Fitts Lecture

Timothy C. Fabian, MD

*Professor Emeritus, Department of Surgery
University of Tennessee Health Sciences*

October 3, 2019 (At HUP)

**The Ernest F. Rosato / William Maul Measey
Endowed Lecture in Surgical Education**

Michal L. Nance, MD

*Professor of Surgery University of Pennsylvania, Josephine
J. and John M. Templeton Jr. Chair in Pediatric Trauma*

October 17, 2019 (At HUP)

David A. Rothenberger, MD

*Professor of Colon and Rectal Surgery
Department of Surgery, University of Minnesota*

**October 28, 2019 (At Clinical Congress of American
College of Surgeons - San Francisco)**

I.S. Ravdin Lecture

Ronald V. Maier, MD

*Professor of Surgery, University of Washington
School of Medicine, Jane and Donald D. Trunkey
Chair in Trauma Surgery*

November 9, 2019

(At American Philosophical Society)

Jonathan Rhoads Lecture and Gold Medal

Mina Jahan Bissell, MD

Senior Scientist Laurence Berkeley National Laboratory

December 5, 2019 (At HUP)

Ronald M. Fairman, MD

*Clyde F. Barker - William Maul Measey Professor in
Surgery, Chief of Vascular Surgery and Endovascular
Therapy*

December 19, 2019 (At HUP)

Julian Johnson Lecture

February 20, 2020 (At HUP)

Robert Ravdin Lecture

March 19, 2020 (At HUP)

Gordon Buzby Surgery Leadership Lecture

April 23, 2020 (At HUP)

D. Hayes Agnew Lecture

Susan Moffatt-Bruce, MD, PhD, MBA

*Professor of Surgery and Biomedical Informatics
The Ohio State University*

May 7, 2020

(At Perelman Center for Advanced Medicine)

Linton Whitaker Lecture

John Reinisch, MD

*Director of Craniofacial and Pediatric Plastic Surgery
Cedars-Sinai Medical Group*

May 14, 2020 (At HUP)

Julius Mackie Distinguished Graduate Lecture

Joseph Woo, MD

*Norman Shumway Professor and Chair
Department of Cardiothoracic Surgery
Stanford University School of Medicine*

June 4, 2020 (At HUP)

The John Pryor Lecture

Alumni News

Faculty, Residents, Alumni of Penn Surgery
email your news to **Clyde Barker**
clyde.barker@uphs.upenn.edu

◆ **Andrew Resnick, MD, MBA** (HUP chief resident 2007) has been named Brigham Health's Chief Quality Officer and Senior Vice President. He will start Oct. 28. Resnick has been Chief Medical Officer of Froedtert Hospital, Associate Dean of Clinical Affairs and Associate Professor of General Surgery at The Medical College of Wisconsin. He previously served as Chief Quality Officer at Penn State Milton S. Hershey Medical Center. Throughout his career, Dr. Resnick has focused on quality and safety. He graduated from Dartmouth College and Yale University School of Medicine. During his surgical residency at HUP he earned an MBA at The Wharton School.



◆ **Todd Bauer** - (HUP chief resident 2002) is Chief of Surgical Oncology at the University of Virginia. He is a highly successful surgeon scientist, funded by NIH for the last 14 years. He is President-Elect of the Society of Clinical Surgery, one of the oldest and most prestigious professional societies.



◆ **N. Scott Adzick** - Surgeon-in-Chief, of Children's Hospital of Philadelphia, and Founder and Director of the Center for Fetal Diagnosis and Treatment is the winner of the 2019 Richard D. Wood Distinguished Alumnus Award of Children's Hospital. The award is presented to an alumnus with significant medical and scientific achievements.



◆ At the recent meeting of the American Surgical Association elected to membership were Penn Professors of Surgery, **Peter Abt, Rachel Kelz** and **Wilson Szeto**. Also elected were **Michael Lanuti** Director of Thoracic Oncology, Massachusetts General Hospital (HUP chief resident 2001), and **Lorraine Tafra, MD** Breast Surgeon and Medical Director Breast Center at Anne Arundel Medical Center (former research fellow Harrison Department). **Karen Deveney** Professor of Surgery, University of Oregon (former HUP faculty member) was elected Vice-President; **Jeff Drebin** continues as the Association's recorder.

Catching Up With . . . *Jeff Carpenter*

Contributed by Jon Morris

Jeff Carpenter is a Magna Cum Laude graduate from Amherst College with a B.A. in Chemistry in 1981 after which he attended the Yale University School of Medicine receiving his M.D. in 1986 as well as a M. Div. from the Yale Divinity School the same year. Jeff took both his General Surgical Residency (1986-1991) and Vascular Fellowship (1991-1992) at HUP. He stayed on at Penn in the Division of Vascular Surgery as Assistant Professor (1992-1997), Associate Professor (1997-2003) and Professor (2003-2008) until he was recruited to become Professor and Chairman of the Department of Surgery at the Robert Wood Johnson Medical School in Camden, New Jersey (2008-2013). He cur-



Jeff in 1991

rently is Professor and Founding Chairman of the Department of Surgery at the Cooper Medical School of Rowan University. Jeff has written extensively (182 peer reviewed publications) and holds editorial board positions on the Journal of Vascular Surgery and Vascular and Endovascular Surgery, to name a few. Jeff is a member of many important professional organizations to include the American Association for Vascular Surgery, American Surgical Association, Society for Clinical Vascular Surgery, Society for Vascular Surgery and the Society of University Surgeons. He is the past President of the Philadelphia Academy of Surgery in 2012.

A Conversation with Jeff

JoMo: What were the highlights of your training at Penn?

Jeff: I came to HUP as a visiting student from Yale in 1985 and did a sub-internship on the vascular service. Immediately I was in

awe of the elegance, technical demands and beauty of the operations and knew that I had found both a home and career path. Penn Surgery had the feel of a family of colleagues that were

(continued on page 10)

Alumni News *(continued from page 6)*

- ◆ After 7 years at HUP in the division of Cardiac Surgery **Prashanth Vallabhajosyula, MD** has moved to Yale University School of Medicine, as Associate Professor, Director of the Aortic Institute and Associate Program Director of the Yale Cardiothoracic Surgery Residency. He is pictured here with Mike Acker.



- ◆ **Dode Barker** died on September 2, 2019. Older members of the Penn Surgery Society will remember that while her husband was the Department's Chairman, Dode hosted an annual Christmas party at their home for residents, staff and others. Every July she also hosted, in their home, a picnic for interns, residents and faculty.



New Faculty

- ◆ **Rebecca H. Fishman, MD** has been appointed Assistant Professor in Breast Surgery in the division of Endocrine and Oncology Surgery at Pennsylvania Hospital. MD - Rutgers University/ New Jersey Medical School, Residency - General Surgery, Mount Sinai, St. Luke's and Roosevelt Hospitals, New York, Breast Surgical Oncology Fellowship, Rutgers Cancer Institute of New Jersey.



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penn.surgery.alumni@
penmedicine.upenn.edu



Dr. DeMatteo with his department after two years as Chairman of Penn Surgery
September 12, 2019

Catching Up With . . . Jeff Carpenter *(continued from page 7)*

mutually supportive. We lived more closely with each other than we did with our spouses (every other night!). The environment of intellectual inquiry and constant striving for better ways to treat surgical patients provided a culture and terroir (as Linton Whittaker likes to say) that formed me as an academic surgeon.

Highlights are too numerous to count—memorable are all of the first times in charge of sick or injured patients or as surgeon in charge, trusted to perform the many operations we learned. The highlight of my intern year was when Dr Rosato's office paged me to come to his office hours—a privilege reserved only for upper level residents. This excitement soon dissipated when I arrived to find that he wanted me to move a patient's car to the garage because it was double parked. I remember my joy at finding out that I was chosen to be a vascular fellow at HUP ('92) which was exceeded only by being asked to join the faculty after finishing that training ('93).

Surely one of the best memories of training was my collaboration during vascular fellowship with Richard Baum, the IR fellow, and Rod Owen, the MRI fellow, to develop and describe for the first time MRA. This collaboration during our fellowship year resulted in a lead article in the NEJM with the three of us as the first authors and MRA has had a lasting effect on medical practice. Rich Baum and I both joined the Penn faculty the same year and teamed up to perform the first endovascular aneurysm repair in Philadelphia on one of my patients, using a graft we crafted in the Silverstein basement since there were no commercial devices at the time.

JoMo: Which faculty influenced you the most and why?

Jeff: *Clyde Barker was my mentor from day 1 when I arrived as a visiting medical student. His calm and careful demeanor, fairness and kindness, understanding of our debt to history and those who have gone before us, and his insatiable intellectual curiosity are a model for all who aspire to be surgical leaders. Leonard Perloff taught me vascular surgery patiently and helped me develop the retroperitoneal approach to AAA repair at HUP, which surgeons at Albany were touting as less traumatic for patients while at the same time providing more extensive exposure. I began using this technique in my AAA practice after learning from him retroperitoneal exposure for kidney transplant and donor nephrectomy. Dr Rosato was a consummate teacher of surgical residents, training them to be competent and fearless in all aspects of abdominal surgery. He was also a pretty good psychiatrist for fellow faculty members (Leonard Miller was actually the best resident psychiatrist hands down). Dr Naji taught me how, as an attending, I could perform the entire operation as the “assistant” while still allowing the chief resident to*

be absolutely convinced that he/she had done the whole procedure. Dr James A. O'Neill, Surgeon in chief at CHOP, was the most complete surgeon I encountered in training. He had an absolutely encyclopedic knowledge of surgery and the literature, maintained a busy practice, was a superb surgeon and teacher, was warm and approachable, was an avid duck hunter and wrote the main text book of his specialty—pretty amazing.

JoMo: When you were a junior resident, which Chief Residents had the greatest impact on you and why?

Jeff: *Joe Bavaria was a “chief resident” by the end of his intern year and continued in that role for his remaining 6 years of general surgery training. He and I formed a bond during the later years of our training (I was a year behind him) and we both joined the faculty at the same time. We shared the same office (two desks) and secretary. Neither of us had any patients but we both knew we wanted to be aortic surgeons. The collaboration we shared forming the aortic program, doing literally hundreds of complex thoracoabdominal repairs together and pioneering endovascular approaches, was one of the most collegial and enjoyable experiences of my professional life. Among my favorite memories of our fellowship years was going into the heart room which was adjacent to the vascular room and seeing JEB standing in the corner of the room facing the wall, gowned and gloved. I walked over to talk to him but he waved me off. I later learned that he had been sent to stand in the corner by Dr Edmunds. I still laugh every time I think of that.*

JoMo: Tell us what your greatest professional accomplishments have been since graduating Penn.

Jeff: *I left Penn after 23 years, in 2008, having been recruited to help start the new Cooper Medical School of Rowan University and become its founding surgery chairman. Since leaving the nation's oldest medical school, the nation's newest medical school has now graduated a few classes and is on firm footing. The surgery faculty has grown to about 70, including 5 PhD scientists, NIH, NSF and DoD funding, and the OR has grown from 12 to 32 operating rooms. Last year we had an average of 2 peer-reviewed publications/FTE, which I think is a good start for our fairly new department. I have held a number of leadership positions in local and national societies and have remained an active inventor with now 10 patents. Several have been commercialized, most recently the Cook T-branch device for branched aneurysm repair. My wife and I invented an embolic protection device for use during TAVR, com*

(continued on page 11)

Catching Up With . . . Jeff Carpenter *(continued from page 10)*

mercialized it in Europe and sold our company to Edwards LifeSciences in 2011. Recently we founded a company which is focused on developing devices for delivery of cell-based therapies.

JoMo: What do you miss most about Philadelphia?

Jeff: *Nothing—I live here and have a gorgeous view of the skyline from across the river!*

JoMo: Who from your Penn Surgery days do you stay in touch with?

Jeff: *Frank Spitz went with me to Cooper and is my Vice Chairman as well as the Surgical Director of the MD Anderson Cancer Center at Cooper. I brought Steve McClane to Cooper to be my head of colorectal surgery and he has done a fantastic job, with a US News and World Report award for colorectal surgery quality to his division's credit. Joe Lombardi is my chief of vascular surgery and Frank Bowen is my chief of thoracic surgery. John Chovanes is one of our trauma faculty surgeons. I see David Deaton frequently as well as Ed Woo, Ross Milner, Mark Levy, Omaid Velazquez and many other Penn greats.*

JoMo: Tell us about your current surgical practice, types of cases you are doing, etc.

Jeff: *I continue an active practice of arterial surgery, open and endovascular, with a concentration on open aortic work. I am the global PI for a trial of polymer filling of aneurysm sacs (EVAS) for treatment of AAA and maintain a laboratory that is pursuing cell-based therapies for vascular diseases.*

JoMo: What are your current interests and hobbies outside of medicine?

Jeff: *I have been flying since 1976 and fly almost every week. This useful hobby makes the world small and keeps our family close. I think surgical training and pilot training have a lot in common and inform each other's skillsets well. Judy and I are involved with our church and a number of philanthropic causes and charitable boards.*

JoMo: Tell us about your family.

Jeff: *Judy (Penn MD '88, GME '91) and I met in 1978 during our freshman year at Amherst and have been married for 33 years. Together we continue to enjoy inventing and running start-up businesses. Our son John (age 27) is an opera singer in Germany where he has been for the last 6 years, singing with the Freiburg,*

Munich and Berlin Opera Companies. Our daughter Katie (age 25) is a middle school music teacher in Pittsburgh. Last summer she married a wonderful man she met in college and we are now expecting our first grandchild to arrive in January, 2020!

JoMo: What is the last book you read that you would recommend and why?

Jeff: *The autobiography of Jimmy Doolittle, "I could never be so lucky again", is a delightful and inspiring read. Doolittle is best known for leading the "Doolittle raid" on Tokyo during WWII; but he is also the father of instrument flight and founder of the USAF. He graduated from MIT as an engineer and realized that aviation (then in its infancy) would never be a practical means of transportation unless it could be done in conditions of low or zero visibility. He designed the first altimeter and other instruments necessary for weather flying and served as the test pilot in the first flight conducted solely by reference to instruments (at the Newark Airport). Each of his contributions as a war hero, engineer, aviator and administrator would individually be more than enough for one individual in a lifetime.*

JoMo: Tell us anything else about you that would be of interest to the Penn Surgery Society alumni.

Jeff: *I cherish the time I spent at Penn and welcome contact with any and all Penn Surgery friends. I can be reached at carpenter-jeffrey@cooperhealth.edu*

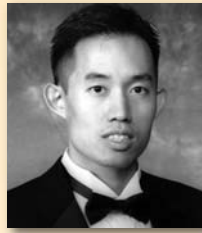


Joseph and Katie (Carpenter) Helinski, Jeff, Judy and John on vacation January 2019

Catching Up With . . . Joe Woo

Contributed by Jon Morris

Joe Woo graduated from the Massachusetts Institute of Technology with a BS in 1988 and subsequently attended the University of Pennsylvania School of Medicine, receiving his MD in 1992 with election into the Alpha Omega Alpha Honor Medical Society. He also received the I.S. Ravdin Prize as the top medical student in surgery in 1992. Joe took his General Surgical residency at Penn, including a post-doctoral research fellowship (1995-1997). During his residency, Joe would receive a number of accolades including the William Y. Inouye Teaching Award as the top resident teacher as determined by the medical students and the Leonard J. Perloff Chief Resident Award as determined by the surgical housestaff. Following his Chief Residency in 1999, Joe stayed at Penn to train in Cardiothoracic Surgery from



Joe in 1999

1999-2001 and was recruited to the faculty at Penn as an Assistant Professor in 2002. He rose through the academic ranks with a promotion to Associate Professor with Tenure in 2009 and Full Professor in 2013. Joe was recruited to Stanford University in 2014 as the Norman E. Shumway Professor and Chair of the Department of Cardiothoracic Surgery. An exceptionally accomplished academic surgeon, Joe has 281 peer reviewed publications and is a member of the Society of Thoracic Surgeons, Society of University Surgeons, the Society of Clinical Surgery and the American Surgical Association to name a few. He has been a PhD thesis advisor to 4 candidates, participated on greater than 10 NIH study sections, is Principle Investigator on numerous grants and has mentored over 50 research laboratory trainees.

A Conversation with Joe

JoMo: What were the highlights of your training at Penn?

Joe: *It was such a privilege to attend medical school, conduct my surgical training, and join the faculty at Penn. There are so many fond memories from the 25 years that I spent at Penn, that it would be impossible to highlight. The most notable that come to mind are the opportunity to learn from amazing teachers, the enormous operative experience, the research collaborations, and the service leadership skills gained.*

JoMo: Which faculty influenced you the most and why?

Joe: *So many Penn faculty influenced me via their surgical expertise and technical skill, passion for patient care, curiosity for research, and their mentorship and support of career goals. As a student and a resident, I was able to interact with icons in surgery such as Drs. Jonathan Rhodes, Brooke Roberts, Leonard Miller, and for my entire time at Penn, Clyde Barker, complete with blue blazer and pencil. In my first year as a medical student, I met Dr. Henry Edmunds, who allowed me to join his lab and operate on sheep and observe my first human operation—a heart transplant. I was astonished. I met Drs. Rosato, Morris, and Mullen as a subintern on the GSB Service and continued to learn deeply from them throughout my residency. I try to run two, sometimes three, operating rooms ala Rosato-style. I met Dr. Timothy Gardner during my internship year, and he has served as a mentor and role model since. Dr. Ronald Fairman, ever the gentleman, taught me vascular surgery. Dr. Larry Kaiser, a superb technical surgeon,*

taught me thoracic surgery and operative skills that I still use today. Dr. Jeffrey Drebin was a tremendous supporter of my academic career. Dr. Thomas Spray was a technical phenom and his approach to operating is one that I still strive for everyday. Dr. Michael Acker, Dr. Joseph Bavaria, and Dr. Gardner taught me how to become a heart surgeon and so many other vital lessons of career and life.

JoMo: When you were a junior resident, which Chief Residents had the greatest impact on you and why?

Joe: *Joseph Shragar was an incredibly thoughtful, generous, and patient teacher. Ron DeMatteo was the first surgical resident to venture forth into the new realm of gene therapy and molecular and cellular biologic research and inspired all of us. Mark Levy, as the Vascular Fellow, always scrubbed with Dr. Barker, regardless of the operation and what the other Vascular Faculty had on the schedule. Mike Nance was always so relaxed and emphasized compassion towards our patients.*

JoMo: When you were a Chief Resident, which Junior Residents impressed you the most and why?

Joe: *Through the latter years of my residency and fellowship, I had the privilege of working closely with so many stellar junior residents. To name just a few, Ed Woo, Wilson Szeto, Ben Jackson, Rachel Kelz, Mark Berry, Eric Lambright, Josh Pierce, Bob Canter, and*

(continued on page 13)

Catching Up With . . . Joe Woo *(continued from page 12)*

Pavan Atluri were absolutely brilliant, technically-gifted, and incredibly dedicated. I am also forever indebted to the extraordinary Penn residents that joined my lab: Mark Berry, Astrid Moise, Steve Kolakowski, Pavan Atluri, John Fredrick, Ray Fitzpatrick, Will Hiesinger, JW MacArthur, Jeff Cohen, and Andrew Goldstone. I also want to mention and commend John Kucharczuk, who was neither in this question's category, nor the prior question's. We were in the same year and together journeyed through medical school, internship, residency, fellowship, and faculty.

JoMo: Tell us what your greatest professional accomplishments have been since graduating Penn.

Joe: *Some of the things I am very proud of include becoming a faculty member at Penn, developing my clinical practice, and starting my basic science research lab there. In 2014, I became Chair of the Department of Cardiothoracic Surgery at Stanford University. Since then, our department has experienced significant growth in clinical volume, research, and education.*

JoMo: What do you miss most about Philadelphia?

Joe: *Philadelphia was my home for 25 years. I miss close colleagues, friends, and family and the many memories from our time in Philly.*

JoMo: Who from your Penn Surgery days do you stay in touch with?

Joe: *I am fortunate to be able to stay in touch with many of my fellow surgeons from Penn. Drs. Joseph Shragar, Mark Berry, William Hiesinger, and John MacArthur are all faculty at Stanford. I interact frequently with Drs. Tim Gardner, Mike Acker, Joe Bavaria, Wilson Szeto, Pavan Atluri and many of my Penn colleagues.*

JoMo: Tell us about your current surgical practice, types of cases you are doing, etc.

Joe: *I currently perform 300 pump cases per year, operating two days per week. My practice focuses on complex mitral and aortic valve repair, thoracic aortic surgery, cardiopulmonary transplantation, and minimally-invasive surgery. I still really enjoy taking call and doing aortic dissection operations and transplants.*

JoMo: What are your current interests and hobbies outside of medicine?

Joe: *I most enjoy spending time with my family. We are still exploring Silicon Valley, San Francisco, Northern California, and western ski areas. I enjoy swimming, biking, and trying the varied cuisines.*

JoMo: Tell us about your family.

Joe: *My lovely wife, Amy, and I just celebrated our 25th wedding anniversary. She is involved with Silicon Valley tech startups. Our son, Jeff, is a graduate student at Stanford studying Artificial Intelligence. Our daughter, Nicole, is a junior at Stanford majoring in Management Science and Engineering. My parents are still healthy and live in the DC area. Ed is Chair of Vascular Surgery at Medstar and Professor at Georgetown and he and his family are prospering.*



Amy, Nicole, Jeff and Joe

JoMo: What is the last book you read that you would recommend and why?

Joe: *In my spare time I enjoy reading in the historical fiction genre. I have learned much about Early Mesopotamia, the Romans, Medieval English, Mongols, Napoleon, and other civilizations and cultures. I also recently read about Ernest Shackleton and the Endurance, the epitome of determination.*

JoMo: Tell us anything else about you that would be of interest to the Penn Surgery Society alumni.

Joe: *Learning and training at Penn was a phenomenal, unparalleled experience. Some of my best memories were made at Penn and I am forever grateful to all of the individuals who taught, supported, and inspired me over a quarter of a century.*

Wall of Fame

Contributed by Daniel Dempsey

HUP CHIEF SURGICAL RESIDENTS 2005-2006

Seven surgeons finished the HUP general surgery training program in 2006 under Chairman Larry Kaiser, MD, and Program Director Jon Morris, MD. During their chief residency, Hurricane Katrina devastated the Gulf Coast; the White Sox swept the Astros in the World Series; Angela Merkel became chancellor of Germany; Kobe Bryant scored 81 points in one game; Mike Wallace retired from 60 Minutes; Florida beat UCLA to win the men's NCAA basketball tournament; former Enron executives were convicted of fraud and conspiracy; Rosa Parks (92), William Rehnquist (80), Richard Pryor (65), Betty Friedan (85), Kirby Puckett (45), John Kenneth Galbraith (97), and Don Knotts (81) died. Closer to home during the chief residency year of Drs. Berry, Carr, Dumon, Jackson, Kolakowski, Moise, and Myung: ground was broken for PCAM; Dr. Larry Kaiser was appointed surgeon-in-chief of UPHS; Drs. Shaked, Drebin, and Bavaria were named to endowed professorships; Drs. Allukian, Bowens, Lee, Nathan, Redfield, and Wilson matched with Penn Surgery as categorical interns; Dr. Rombeau won the resident teaching award and Dr. Rosato won the Inouye award.

Dr. Mark Francis Berry was born in Philadelphia and went to high school at St. Joe's Prep. He went to college at Penn, graduating with highest honors with a BSE in electrical engineering in 1990, and an MSE in EE in 1993. Mark then did a "post bac" year at Penn and was accepted to Perelman School of Medicine (PSOM) at Penn the following year. For several years prior to entering medical school Mark did substantial and significant work in software design for Lockheed Martin. Mark graduated junior AOA from Penn Med with outstanding letters of recommendation from Drs. Barker, Rosato, and Fairman. He matched at HUP and did the standard "seven-year plan" (1999-2006), spending 2 years in the lab with Drs. Joe Woo, Tim Gardner, and Lee Sweeney. After finishing the HUP surgical residency in stellar fashion (he won the Rhoads research award in 2006), Mark did a CT fellowship at Duke where he remained on the faculty and also obtained a masters in health sciences in clinical research. In 2014 Mark became the Mylavarapu Rogers Professor of Cardiothoracic Surgery at Stanford where his focus is on thoracic surgery and thoracic oncology.



Dr. Shamus Russell Carr was born in Portsmouth Virginia. He went to college at USC, graduating in 1995 with a BS in biomedical engineering, a minor in biology, and a significant concentration in varsity water polo (national championship runner up 1993 and 1994). Four years later he graduated with an MD from Dartmouth Medical School. As an officer of the U.S. Naval Reserves, Shamus did an internship at Eisenhower Medical Center and then came to Jefferson as a categorical surgical resident. He did two years in the lab at Jeff with Dr. Joe Friedberg (before he was recruited to Penn). Dr. Friedberg recommended Shamus very highly for an open categorical position at HUP, and he finished his general surgery training at HUP (2004-2006). Shamus then spent 3 years in the U.S. Navy and was discharged honorably at the rank of Lieutenant Commander. He then did a CT fellowship at Pittsburgh and also was a AATS Pearson Fellow in thoracic oncology at MSKCC. Shamus' first academic position was in the department of surgery at the University of Utah. Currently he is at the University of Maryland as Associate Chief of the Division of Thoracic Surgery and Director of Robotic Surgery.



Dr. Kristoffel R. Dumon was born in Minneapolis, Minnesota but he grew up in Belgium and received his MD there in Leuven. Kris then completed general surgery training in Dusseldorf Germany, coauthoring 10 peer reviewed papers as a resident. He then came to the U.S. as a HUP preliminary surgical resident. Because of his outstanding performance and his clear intention to do a residency in this country, he was offered a laboratory spot with Dr. Noel Williams and Dr. Carlo Croce. Kris had a very productive lab experience, adding an additional 15 peer reviewed papers to his CV. He then matched at HUP and did five straight clinical years, plus an additional year as a bariatric surgery fellow. Kris joined the surgical faculty at Penn in 2007 where he has developed a busy bariatric and general surgery practice with a strong emphasis on laparoscopy and robotics. He has been a leader for the department in surgical simulation. An associate professor of surgery, his clinical practice is based at HUP. Kris has previously served as chief of the surgical service at the Philadelphia VA Hospital.



Dr. Benjamin Materi Jackson was born in London, England, but he went to high school in NYC at Hunter College High. Ben went to Haverford College, majoring in both physics and Spanish literature and graduating with high honors. He then obtained a master's degree in engineering physics from UVA and worked as a teacher for a short time. Ben then came to the Edmunds research lab at Penn as a lab tech where he worked as an integral (actually described as indispensable in a Rob Gorman letter) part of the research team for two years before deciding on medical school. He was accepted into the Health Scientist Training Program at Harvard, but happily stayed at Penn Med, obtaining his MD in 2000. By then he had co-authored 10 peer reviewed papers. His letters of recommendation for residency (Drs. Barker, Edmunds, Rosato, Gorman) were spectacular. Ben matched at HUP in 2000 and performed in an outstanding fashion. He did another year in the lab, and won both the Rhoads Research Award and the Reemtsma Award as well as the Perloff Chief Resident Award. He did a 2-year vascular fellowship at HUP and then joined the Penn faculty. Ben is an Associate Professor of Surgery, and an Associate Professor of Surgery in Radiology. He is a member of the Society of Vascular Surgery and has been recognized by America's Top Doctors.



Dr. Stephen Kolakowski, Jr. was born in Bellville, New Jersey. Because of his interest in biology, and his experience rehabilitating his own serious knee injury, he aspired to becoming an athletic trainer. He graduated from Lock Haven University with a bachelor's degree in athletic training. But his work as a trainer inspired him to go to medical school. He received his MD from Ross University in 1999 and came to Pennsylvania Hospital (PAH) as a designated preliminary surgery resident, having matched into a categorical PM&R spot at HUP. His performance as a surgery intern was stellar and Steve was offered and accepted a categorical surgery position at PAH. He spent time in the lab with Dr. Joe Woo, coauthoring several papers and presentations. As Steve was entering the chief resident year, the PAH surgery program was merged into the HUP program so he completed his training as a HUP chief. Subsequently Drs. Calligaro and Dougherty were happy to have Steve back at PAH as a vascular fellow. Steve practices general and vascular surgery in California where he is on staff at San Joaquin General Hospital (a hospital



with a general surgery residency) and UC Davis Medical School.

Dr. Mireille Astrid Moise was born in Brooklyn, New York. Astrid received her bachelor's degree in biology from Harvard and then worked for a year on a Native American Reservation in South Dakota. After that she entered medical school at Penn and excelled academically. While getting her MD at Penn, Astrid was a member of the medical school admissions committee, and served as co-chair of the medical student government. Not surprisingly she had outstanding letters of recommendation for surgical residency from Drs. Barker, Kaiser, and Morris. During residency interviews, both Dr. Kaiser and Dr. Rosato expressed a strong interest in having Astrid do her residency at HUP. She matched at HUP in 2000 as a categorical resident in surgery and did an excellent job. Astrid did one year in the lab with Dr. Joe Woo and coauthored numerous peer reviewed publications. She then completed a vascular surgery fellowship at the Cleveland Clinic. Astrid practices vascular surgery in Cleveland, Ohio.



Dr. Richard J. Myung was born in Los Angeles and went to college at UCLA, graduating with a BS in Molecular and Cell Biology. He then received his MD from New York Medical College and started his categorical general surgery training at Georgetown. He came to Philadelphia to do 2 years of research at CHOP in the cardiothoracic lab with Drs. Gaynor and DeCampli, where he helped develop new and valuable research models and techniques. Richard did such an outstanding job in the lab that his mentors strongly recommended to the chairman of surgery (Dr. Kaiser) that he be offered a categorical position at HUP. So Richard was interviewed and offered a position for the following year, allowing him an additional year to complete his lab projects at CHOP. As a resident, he coauthored numerous articles published in peer reviewed clinical and basic science journals. As expected, Richard completed his general surgery training at HUP (2003-2006) in excellent standing. He may be one of the few Penn residents to have had both a pilot's license and SCUBA diving certification. He then did a cardiothoracic fellowship at Emory. Richard remains in the Atlanta area as an attending cardiothoracic surgeon in the Wellstar Health System.





Penn Surgery

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FALL 2019

Hope to see you

Tuesday, October 29, 2019

Penn Surgery Society Reception
Hilton San Francisco - Union Square
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