

## **CURRICULUM VITAE**

PENNY J. SMALLEY  
808 Brantwood Ave., Elk Grove Village, Illinois, 60007, USA  
Mobile: (773) 988-0499  
email: [pennyjs@aol.com](mailto:pennyjs@aol.com)

### **EDUCATION**

Evanston Hospital School of Nursing University of Illinois	1977-1980 Diploma - RN
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### **CURRENT POSITION**

Perioperative Nurse Consultant	1986-present
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### **LICENSURE and Certifications**

Registered Professional Nurse – Illinois	1979
Certified Medical Laser Safety Officer	2002
Certification: Community Emergency Response Team FEMA, IEMA (Federal and Illinois State Agencies)	2015

### **PROFESSIONAL ACTIVITIES**

Certified: American Board of Laser Surgery	1987 - present
Certified: Medical Laser Safety Officer Board of Laser Safety	2002 – present
Member - Board of Directors, Laser Institute of America	1992-1999
Executive Committee, ANSI Z136 (Laser Safety in Healthcare) Chair, Nursing and Allied Health	1993-2002
International Council on Surgical Plume Secretary, Board of Directors	2015 - present
Member ANSI Z136 Secretary, SSC3 (Z136.3) Vice Chair, SSC3 (Z136.3)	1987-present 2007-2012 2013 - present
Member, International Electrotechnical Commission, US Delegation for TC76, WG 4, WG 8 Project Leader, 60825-TR8	1998-present

Member Canadian Standards Association, Z386, Z305 Chair Z386	2008 – present 2019 –
Recipient, IEC 1906 Award for outstanding contributions	2015
Member ISO TC121 Canadian delegate, SSC6, WG7	2010 -present 2019 -
Member Australian Standards HE003, AS/NZ4173 Representing Australian College of Perioperative Nurses	1990 - present
Commissioner, Board of Laser Safety	2014 - 2010
Chairperson, Nursing Section - ASLMS	1992-1994
Recipient, Excellence in Laser Nursing award, ASLMS	1993
International Society For Lasers In Surgery and Medicine Executive Committee representative for Nursing / Allied Health	1983 - present 2000 - present
International Scientific Advisory Board World Association of Laser Therapy	1993-2008
Member, Safety Committee, ASLMS (chair, 1997-98, 2002)	1994-2010
Member, Board of Directors, Australian Centre for Medical Laser Technology	1990 – 2019
Member, Executive Board, European Medical Laser Association	2007-2009
Member, Committee on International Affairs, ASLMS Chair Chair	1999 – present 2005-2006 2011 - 2012
Representative for AORN to ANSI	1998 – 2007
Member AORN committee on Environment of Care – Hazards of Surgical Smoke task force	2007-2009
International Phototherapy Association, Executive Committee	2006 – present
Asia Pacific Association for Laser Medicine and Surgery Executive Committee	2000 – present
International Academy of Laser Medicine and Surgery (Florence, Italy) Founding Member	1995 - present
Co-Leader of Illinois grassroots coalition advocating for Evacuation of Surgical Plume, in support of Senate Bill 1908 Signed into law as Illinois Public Act -102-0533	2020 – 2021
Consultant to Illinois Dept. of Health on Regulations re PA102-0533	2020 - 2023

## **PUBLICATIONS**

The Nd:YAG Laser for Endometrial Ablation - A Nursing Perspective  
Laser Nursing, Volume 2, Number 1 1988

Inservice - Key to Your Laser Program  
Today's OR Nurse, Volume 10, Number 6, June 1988

Review of the Optimized Disposable Fiber System  
Laser Nursing, Volume 2 Number 3, 1988

Lasers in Otolaryngology  
Nursing Clinics of North America, Vol.25, No. 3, Sept. 1990

Lasers in Nursing - The Second Decade  
Clinical Laser Monthly, January 1990

Laser '90 - An International Laser Nursing Event  
Laser Nursing, Volume 4, No. 2, Summer 1990

Laser Consulting - A New Dimension in Nursing  
Illinois Nursing Spectrum, Vol. 3, No. 17, August, 1990

Clinical Laser Safety Issues - A Nursing Perspective  
Journal of Laser Applications, Vol. 3, No. 1, Winter, 1991

Laser Technology - A Nursing Perspective  
Dermatology Nursing, Vol.3, No.4, August, 1991

Guest Perspective  
Laser Nursing, Volume 4, No.4, Winter 1991

Laser Education Criteria for Operating Room Nurses  
Seminars in Perioperative Nursing, 1992, W. Saunders

Laser Nursing - A Perioperative Challenge  
Canadian Operating Room Nurses Journal, Vol. 10, No.1, 1992

Laser Safety Survey  
Canadian Operating Room Nurses Journal, Vol. 10, No.1, 1992

The Future is Here Laser Technology in Medicine -  
Asian Hospital Magazine, Hong Kong, Sept./Oct. 1992

Clinical Laser Safety  
Textbook chapter, Cutaneous Laser Surgery, Mosby, 1993  
2nd Edition, 1996, Revised edition , 1998

Lasers in Operating Room Management  
Aspen Publishing, Cynthia Spry, Editor, 1994

The Consultants are Coming! The Consultants are Coming!  
Surgical Services Management, Vol.1, No.7, AORN, 1995

Update on Regulation of Surgical Smoke  
Surgical Services Management, Vol.3 NO.3, AORN 1997

## **Text Book Chapters**

### Introduction to Perioperative Nursing, Ed.3

Chapters 5,10, Sally Sutherland-Fraser, Menna Davies  
Brigid M Gillespie, Ben Lockwood eds. Elsevier,2022

### Laser Regulations, Standards, and Professional Guidelines

Text chapter, Alster, Apfelberg, Cosmetic Laser Surgery,  
Wiley-Liss 1999

### Lasers and Energy Devices for the Skin,

Text chapter 17, Goldman M., Fitzpatrick,R., CRC Press, 2013

### Lasers for Medical Applications,

Text chapter 24, Jelinkova, H., Woodhead Publishing, 2013

### Lasers in Otorhinolaryngology and Head and Neck Surgery,

Text Chapter 3, Oswal V., Risk Management in Laser Technology  
Kugler Pub., 2014

### Laser Manual – Medical Technology

Text Chapter 9, Laser Safety, Keys to Compliance, Longo L.,  
Officina Editoriale Oltrarno.S.r.l.- Firenze, Italy, 2014

### Laser safety: Risks, hazards, and control measures.

*Laser Therapy.* 2011;20(2):95-106. doi:10.5978/islsm.20.95.

## **CONFERENCE PRESENTATIONS**

Laser Concepts in Healthcare (educational seminar) and similar educational programs have been presented at conferences, and in institutions, nationally and internationally, since 1983.

Sponsoring organizations have included:

US Dept. of Labor – OSHA (presentations on surgical plume)

California Legislature – multiple testimonies in support of legislation on surgical plume

Illinois Legislature – multiple testimonies in support of legislation on surgical plume

American Society for Lasers in Medicine and Surgery (ASLMS)

International Society for Lasers in Surgery and Medicine (ISLSM)

Dermatology Nurses Association(DNA)

International Society for Cosmetic Laser Surgery

Asian Pacific Association for Lasers in Medicine (APALMS)

British Medical Laser Society(BMLA)

Australian Centre for Medical Laser Technology (ACMLT)

Australian College of Operating Room Nurses(ACORN)  
 Victoria Perioperative Nurse's Group(VPNG)  
 Northern Territory Perioperative Nurses(NTON)  
 Association of PerioOperating Room Nurses (AORN)  
 Tasmanian Operating Room Nuses (TORN)  
 Laser Institute of America  
 Rockwell Laser Industries  
 Resource Applications / Mosby  
 American Healthcare Inc.  
 Biomedical Optics (SPIE)  
 University Medical and Nursing Schools: Illinois, New York, Northwestern, Loyola(IL), Nebraska,  
 Chicago, Baylor, Louisiana, Mississippi, Southwest Texas, Howard U  
 Beckman Laser Institute  
 Manufacturers: Cooper Lasersonics, Coherent, SLT, Sharplan, HGM, Surgilase, Laserscope,  
 Surgimedics, Sorenson, Trimedyne, Diomed, Zeiss, Johnson & Johnson,  
 Candela, Valley Lab, Stackhouse, MTD, Myriadlase,, Infinitech, ConMed, Stryker,  
 Nidek, Buffalo Filter, Laserex, Optomedics, Ceramoptic, N. Stenning, Laserdyne  
 NTI, Qlicksmart, Megadyne, Erbe, Boston Scientific  
 Operating Room Nurses of Ontario  
 Department of Labor, OSHA, Washington DC  
 EORNA (European OR Nurses Association)  
 IFPN (International Federation of Perioperative Nurses)  
 Royal Thailand Laser Society  
 Singapore Laser Association  
 Operating Room Nurses Association of Canada  
 Association for the Advancement of Medical Instrumentation  
 Surgical Success, Australia  
 American Society of Plastic and Reconstructive Surgery Nurses  
 Royal Australasian College of Plastic and Reconstructive Surgeons  
 Royal College of Nurses (Australia)  
 Cosmetic and Reconstructive Nurses' Association (Australia)  
 Association of Plastic and Reconstructive Surgical Nursing  
 European Medical Laser Association  
 Ausmed  
 Department of Radiation Safety – Queensland, Australia  
 International Academy of Laser Medicine and Surgery  
 World Association for Laser Therapy  
 European Medical Laser Association  
 International Academy for Laser Medicine and Surgery  
 Australian Medical Laser Association  
 Professional Medical Education  
 Infection Control Association of Great Britain  
 University of Pennsylvania  
 International Phototherapy Association  
 Australian Standards Association  
 OTA, New South Wales, Australia  
 Operating Room Nurses Assoc. of Canada (ORNAC)  
 New Zealand Theatre Nurses Association  
 International Society Radiation Medicine, Riyadh, Saudi Arabia  
 ASIORNA  
 WALT (World Association for Laser Therapy)  
 NAALT (North American Association for Photobiomodulation)  
 Future Surgery conference, Birmingham, England  
 AfPP (Association for Perioperative Practice – UK)

International Standards Organization (ISO)  
 PHOTO (Hong Kong operating room nurses organization)  
 International Scientific Congress on Cosmetic Dermatology (ISCOD)  
 International Electrotechnical Commission (IEC)  
 Taft High School Career Day for Senior Students (Chicago, IL)

### **AORN NATIONAL PRESENTATIONS AND POSITIONS HELD**

Lasers in Cardiovascular Medicine, Gulf Coast AORN, Mobile,	1988
Lasers in Healthcare, AORN Fall Symposium, Fairmont Hotel, Chicago, IL	1991
Perioperative Perspectives for the 90's South Valley of Michigan chapter, Kalamazoo, MI	1991
Lasers in Healthcare AORN Regional Symposium, Ithaca, NY	1992
Lasers - Opportunities and Challenges Regional Symposium, San Diego, CA	1992
Laser Program Administration - Beyond the Basics, 39th Congress, Dallas, TX	1992
Lasers and Minimally Invasive Surgery Pre-congress seminar, Anaheim, CA	1993
Lasers and Minimally Invasive Surgery Resource Applications, Williamsburg, Va.	1993
Governing Council, Laser/Advanced Technology Special Assembly - chair for Education	1993-1999
Member - Committee on International Issues	1993-1997
Governing Council, Specialty Assembly Business, Consulting, and Industry	1994-1996
The Business of Consulting, pre-conference seminar, 1995 Congress, Atlanta, GA	1995
First Educational Conference, Specialty Assembly for Laser and Advanced Technology, Denver	1994
Advances in Surgical Technology Specialty Assembly Conference, San Antonio	1995
Laser Safety Update Advanced Technology Conference, Baltimore	1995

Laser Safety Update, Mosby/AORN, Williamsburg, VA.	1995
Member, Environment of Care Committee, subcommittee on Smoke	2007
Board of Directors, AORN eChapter	2021-present
AORN eChapter, Chair Member Engagement Committee	2021 -present

## INTERNATIONAL ACTIVITIES

Consulting, Education Programs, Invitations as Guest Speaker, and Conference Presentations have been given from 1987 until the present.

Australia quarterly since 1990, work done on laser technology and surgical plume, in every state. Educational course developed and taught for Queensland Radiation Department and Regulation, written into the first Queensland laws.

Appointed member of the Australian National Standards for laser safety, member of the Australian College of Operating Room Nurses, board of directors of the Australian Centre for Medical Laser Technology.

Member of the OTA task force on surgical plume, leading to the first Government Regulation in Australia under the scope of Work Safe Australia ((OH&S)

Consulting work with Australian companies Qlicksmart Pty. Ltd., Norwood Abbey, N. Stenning, , MedTel, Diomed, Danne, Optomedics, SLT, Big Green, and local distributors for Sharplan, Laserscope, Coherent (Lumenis) Buffalo Filter, and Megadyne.

Work included: product development, clinical trial management (FDA submissions), market research, sales training, distribution networking, clinical site support, feasibility studies, compliance auditing, education and training.

Australian/New Zealand Standards based laser course developed and taught in all major cities in NZ under the auspices of New Zealand Standards Association.

Brunei – education and training for Sharplan laser installations

China – Laser installation and training for Nidek lasers in Nanjing and Zheng Zhou lectures in Shanghai, Beijing, Wuxi

Hong Kong – sales training, client support, and market research for Buffalo Filter, IC Medical, Megadyne, and Laserscope,

United Kingdom – lectures for the British Medical Laser Association, Association for Infection Control, sales training, product launch ,Marketing / conference support, and clinical field support for national distributors of Qlicksmart, Buffalo Filter, Diomed

Canada –Sales and client education and training for Lasersonics, Coherent, Qlicksmart, Buffalo Filter, QLT. Presentations at national conferences, provincial conferences, and publications in Operating Room nursing journal

Germany – Market research, product development, clinical trial support (Johnson & Johnson, Diomed), lectures and presentations at Conferences, and distributor training (Buffalo Filter, Qlicksmart)

Megadyne – Pacific Rim Annual Conference, European Annual conference

Presentations at conferences, hospital education and training, and distributor support in:

Taiwan  
Singapore  
India  
China - Macao  
Czech Republic  
Cyprus  
Germany  
Hong Kong  
Finland  
Lithuania  
Indonesia - Bali  
New Zealand  
Bahamas

Argentina  
Puerto Rico  
Australia  
Greece  
Viet Nam  
Spain  
Japan  
Romania  
England  
Saudi Arabia  
Brunei  
Viet Nam  
France

Israel  
Italy  
Sweden  
Netherlands  
Canada  
Dubai  
Scotland  
Republic of Ireland  
Malaysia  
Thailand  
South Korea  
Wales