

## **CURRICULUM VITAE**

**NEWELL O. PUGH, JR., M.D.**

### OFFICE ADDRESS

Practice Locations: Benesse Oncology center of Major Hospital  
2455 Intelliplex Drive  
Shelbyville, Indiana 46176  
Phone: (317) 421-1800  
Fax: (317) 421-1898

Clarian West Medical Center  
Radiation Oncology Department  
1111 North Ronald Reagan Parkway  
Room B1600  
Avon, Indiana 46123  
Phone: (317) 217-3800  
Fax: (317) 217-3804

Morgan Hospital & Medical Center  
Radiation Oncology Department  
2209 John R Wooden Drive  
Martinsville, Indiana 46158  
Phone: (765) 349-6533  
Fax: (765) 349-6443

Business Office Cancer Care Group, P.C.  
6100 West 96<sup>th</sup> Street, Suite 125  
Indianapolis, Indiana 46278  
Phone: (317) 715-1800

### POST GRADUATE TRAINING

Residency Massachusetts General Hospital  
Boston, Massachusetts  
Radiation Therapy Residency  
July 1974 – June 1977

Fellowship Louisiana State University – Charity Hospital  
New Orleans, Louisiana  
Medical Oncology and Hematology  
July 1971 – June 1973

Residency Louisiana State University – Charity Hospital

New Orleans, Louisiana  
Department of Medicine  
July 1960 – June 1971

Internship

Louisiana State University – Charity Hospital  
New Orleans, Louisiana  
Straight Medicine  
July 1968 – June 1969

EDUCATION

Medical School

Louisiana State University School of Medicine  
New Orleans, Louisiana  
Medical Doctor - 1968

Undergraduate

Centenary College of Louisiana  
Shreveport, Louisiana  
Bachelor of Science, Biology – 1965

STATE LICENSURE

Indiana – June 30, 1977 to Present  
Louisiana – July 1968 to Present

PROFESIONAL BOARDS

American Board of Radiology, Board Certified, Radiation Oncology – 1977  
American College of Physician Executives, Diplomat - February 1992  
Certified Physician Executive - October 1997

HOSPITAL PRIVILEGES

Clarian Health Partners (IU, Riley and Methodist) – Indianapolis, Indiana  
Clarian West Medical Center – Indianapolis, Indiana  
Columbus Regional Hospital – Columbus, Indiana  
Howard Regional Health Systems – Kokomo, Indiana  
Johnson Memorial Hospital – Franklin, Indiana  
Benesse Oncology Center of Major Hospital – Shelbyville, Indiana  
Morgan Hospital and Medical Center – Martinsville, Indiana  
Riverview Cancer Center – Noblesville, Indiana  
St. Francis Hospital – Indianapolis, Indiana  
St. Francis Hospital – Mooresville, Indiana  
St. Vincent Hospital – Carmel, Indiana  
St. Vincent Hospital and Health Services – Indianapolis, Indiana  
St. Vincent Oncology Center – Indianapolis, Indiana  
St. Vincent Women’s Hospital – Indianapolis, Indiana

MILITARY SERVICE

LCRD-R Medical Corp US Navy  
US Naval Hospital Boston, Chelsea, Massachusetts  
Department of Medicine  
July 1973 – July 1974

### WORK EXPERIENCE

Cancer Care Specialists, P.C.  
6100 W. 96th Street, Suite 125  
Indianapolis, Indiana 46278  
February 1998 – June 30, 2000

Radiologic Specialists of Indiana, Inc.  
950 North Meridian Street, Suite 1100  
Indianapolis, Indiana 46204  
1977 – January 31, 1998

### CLINICAL EXPERIENCE

Methodist Hospital, Indianapolis, Indiana  
Director, Cancer Center, 1987 – 1994

Indiana Home Health, Indianapolis, Indiana  
Chairman of the Board

Indiana Mobile Scans, Indianapolis, Indiana  
President and Chairman of the Board, 1985 – 1994

Cancer Programs and Program Development  
Chi Systems  
Ann Arbor, Michigan  
Consultant, 1991 – 1995

Radiologic Specialists of Indiana, Inc.  
Secretary, 1986 – 1994

Radiologic Specialists of Indiana, Inc.  
Vice President, 1996 – 1998

Cancer Care Group, P.C.  
Vice President, 1998 – 2001; 2004 - 2006  
Indiana Roentgen Society, Indianapolis, Indiana  
Chapter President, 1997

Indiana Society for Radiation Oncology  
President, 1988

### TEACHING

Assistant Clinical Professor  
Indiana University Medical Center  
Indianapolis, Indiana  
1979 - Present

Faculty  
Methodist Hospital Graduate Medical Center  
1977 - Present

### COMMITTEES

Radiation Oncology, American College of Radiology, Economics Committee, 1990-1996  
Indiana Roentgen Society, Committee for Reimbursement Legislation, Chairman,  
1989-1990  
Long-Range Planning Committee, Methodist Hospital, Chairman, Cancer Division  
Committee, 1989  
Continuing Medical Staff Leadership Committee, Methodist Hospital, 1988  
Computer Committee, Methodist Hospital, 1984

### AWARDS AND HONORS

Alpha Omega Alpha – Medical Honor Society – 1968  
Phi Kappa Phi – Honor Society – 1968  
Physicians Recognition Award – 1987, 1988, 1989  
Fellow of the American College of Radiology - 1991

### PROFESSIONAL SOCIETIES

American Society for Therapeutic Radiology and Oncology  
American College of Radiology  
Radiologic Society of North America  
American Medical Society  
Indiana Roentgen Society  
Indianapolis Medical Society  
Indiana Radiation Therapy Association  
American Society for Clinical Oncology  
Hoosier Oncology Group  
American Roentgen Ray Society  
Society for Computer Applications in Radiology  
American College of Physician Executives  
Indiana State Medical Association

PUBLICATIONS

Renner,W., **Pugh,N.**, Berg,R., Kent,J., Frost,S., Palamara,R.: “Automated Production of Patient Compensating Filters”, AAMD Journal, Volume X, #1, pp 33-35, 1985

Hamaker,R., Singer,M., **Pugh,N.**, Ross,D., Garrett,P.: “Management of the Neck: Intraoperative Radiation”, Head and Neck, Philadelphia, PA, B.D. Decker, Vol 1, pp 162-165, 1985

Renner,W., **Pugh,N.**, Ross,D., Berg,R., Hall,D.: “An Algorithm for Planning Stereotactic Brain Implant”, International Journal Radiation Oncology Biology Physics., Vol 13, Nmp 4, pp 631-637, April 1987

Garrett,P., **Pugh,N.**, Ross,D., Hamaker,R., Singer,M.: “Intraoperative Radiation Therapy for Advanced or Recurrent Head and Neck Cancer”, International Journal Radiation Oncology Biology Physics., Vol 13, No. 5, pp 785-788, May 1987

Givens,S., Garrett,P., **Pugh,N.**, Ross,D.: “Post-operative Radiation Therapy in the Treatment of Lung Cancer: A Retrospective Study”, Indiana Medicine, Vol 80, No. 11, November 1987

Garrett, P., Hamaker,R., **Pugh,N.**, Ross,D., Singer,M.: “Intraoperative Radiation Therapy in Head and Neck Cancer”, Indiana Medicine, Vol 81, No. 9, pp 780-781, 1988

Garrett,P., **Pugh,N.**, Ross,D., Hamaker,R., Singer,M.: “Intraoperative Radiation Therapy for Advanced or Recurrent Head and Neck Malignancies”, Intraoperative Radiation Therapy, Boca Raton, Florida, CRC Press, 1989

Freeman,S., Hamaker,R., Singer,M., **Pugh,N.**, Garrett,P., Ross,D.: “Intraoperative Radiotherapy of Head and Neck Cancer”, Arch Otolaryngol Head and Neck Surgery, Vol 116, pp 165-168, February 1990

Garrett,P., **Pugh,N.**, Ross,D., Rate,W.: “Adjuvant Radiation Therapy in Endometrial Carcinoma”, Indiana Medicine, Vol 83, No. 8, pp 560-562, August 1990

Garrett,P., Hamaker,R., **Pugh,N.**, Rate,W., et al: “Intraoperative Radiation Therapy for Recurrent Head and Neck Cancer”, Cancer, Vol 67, No. 11, pp 2738-2740, June 1991

Garrett,R., Hamaker,R., **Pugh,N.**, Rate,W., et al: “Intraoperative Radiation Therapy for Advanced or Recurrent Head and Neck Malignancies”, Proceedings of the Third International Symposium on Intraoperative Radiation Therapy, Pergamon Press, 1991

Freeman,S., Hamaker,R., Singer,M., Garrett,P., **Pugh,N.**, Ross,D.: “Intraoperative Radiotherapy of Skull Base Cancer”, Laryngoscope 101, pp 507-509, May 1991

Rate,W., Garrett,P., Hamaker,R., Freeman,S., Huntley,T., **Pugh,N.**, Ross,D., Dugan,T., Borrowdale,R.: “Surgical Resection and Intraoperative Radiation Therapy (IORT) for Advanced Neck Lymph Node Metastases”, Proc Fourth International IORT Symposium, Verlag, Die Blaue Eule, p 203-206, 1993

Garrett,P., Rate,W., Hamaker,R., **Pugh,N.**, Ross,D., Guan,T., Freeman,S., Huntley,T., Borrowdale,R.: “Surgical Resection and Intraoperative Radiation Therapy (IORT) for Advanced or Recurrent Salivary Gland Malignancies”, Proc. Fourth International IORT Symposium, Verlag, Die Blaue Eule, p 199-202, 1993

Dugan,T., Garrett,P., Hamaker,R., Huntley,T., Freeman,S., **Pugh,N.**, Rate,W., Ross,D., Borrowdale,R.: “Surgery and Intraoperative Therapy (IORT) for Advanced Neck Lymph Node Metastases”, Hepatogastroenterol, 41:9, 1994

Garrett,P., Hamaker,R., Dugan,T., **Pugh,N.**, Rate,W., Ross,D., Borrowdale,R., Freeman,S., “IORT in Head and Neck Cancer with Tongue Invasion”, Hepatogastroenterol, 41:7, 1994

#### LECTURES AND PAPERS

**Pugh,N.**, Ross,D., Triplett,W., Woods,J.: “Safflower Oil Fat Emulsion in the Nutritional Support of Cancer Patients”. Scientific abstract presentation at the 7th Clinical Congress of the American Society for Parenteral and Enteral Nutrition, Las Vegas, January 1983

Hamaker,R., Singer,M., **Pugh,N.**, Ross,D., Garrett,P., Coffey, G.: “Intraoperative Radiation for Head and Neck Cancer: A Feasibility Study”, International Conference on Head and Neck Cancer, Baltimore, July 1984

Hamaker,R., Singer,M., **Pugh,N.**, Ross,D., Garrett,P.: “Management of the N3 Neck: Intraoperative Radiation”, International Conference on Head and Neck Cancer, Baltimore, July 1984

Poland,J., **Pugh,N.**, Ross,D., Dillon,J., Garrett,P.: “Ketaconazole versus Nystatin Therapy for Radiation Mucositis Oral Manilla in Patients Undergoing Radiation Therapy for Head and Neck Malignancies”, International Conference on Head and Neck Cancer, Baltimore, July 1984

Garrett, P., **Pugh,N.**, Ross,D., Hamaker,R., Singer,M.: “Intraoperative Radiation Therapy in Advanced or Recurrent Head and Neck Cancer”, Indiana State Radiation Therapy Association, September 1985

Garrett,P., **Pugh,N.**, Ross,D., Hamaker,R., Singer,M.: “Intraoperative Radiation Therapy in Head and Neck Cancer”, Symposium on Intraoperative Radiation Therapy, Indianapolis, October 1986

Berg,R., Garrett,P., Givens,S., Kent,J., **Pugh,N.**, Renner,D., Ross,D.: “Automatic Fabrication of Compensation Filter for the Siemens Mevatron Accelerators”, Siemens Users Meeting, Scottsdale, April 1987

Freeman,S., Hamaker,R., Singer,M., Garrett,P., **Pugh,N.**, Ross,D.: “Intraoperative Radiotherapy for Cancer of the Head and Neck”, American Society for Head and Neck Surgeons, San Francisco, April 1989

Garrett,P, **Pugh,N.**, Ross,D., Rate,W.: “Adjuvant Radiation in Endometrial Cancer”, Indiana State Radiation Therapy Association, Indianapolis, October 1989