

03015184

VOID SHEET

TO: License Fee Management Branch  
FROM: Region IV  
SUBJECT: VOIDED APPLICATION

Control Number: 464922 35-03176-05  
Applicant: Oklahoma Univ. of  
Date Voided: 9/21/93  
Reason for Void: \_\_\_\_\_

This license does not require  
an amendment since RAM is  
not under supervision of RSC.  
No review accomplished.

Bellie Guesynski 9/21/93  
Signature Date

Attachment:  
Official Record Copy of  
Voided Action

14304

FOR LFMB USE ONLY

Final Review of VOID Completed:

- ☐ Refund Authorized and processed  
☒ No Refund Due  
☐ Fee Exempt or Fee Not Required

Comments: \_\_\_\_\_

9401030104 930921  
PDR ADOCK 03015184  
C PDR

Log completed  
Processed by:

☒ Am  
11/9/93

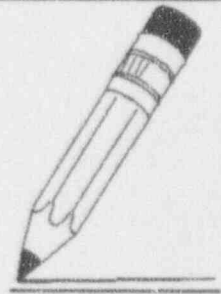
ML40

**NUCLEAR MATERIALS LICENSING SECTION**  
**JACK E. WHITTEN, SENIOR HP**

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DATE: September 17, 1993

SUBJECT: UNIVERSITY OF OKLAHOMA  
HEALTH SCIENCES CENTER



TO:    ☐ L.J. CALLAN                      ☐ VIVIAN CAMPBELL  
      ☐ DWIGHT CHAMBERLAIN       ☐ CHRISTI HERNANDEZ  
      ☐ BILL FISHER                     ☐ WES HOLLEY  
      ☐ CHUCK CAIN                   ☐ JACKIE BURKS  
      ☐ BILL BROWN                   ☒ BILLIE GRUSZYNSKI  
      ☐ JUDY KILCREASE               ☐ HEATHER ASTWOOD

☐ Concurrence requested  
☐ Information you requested  
☐ Draft for your comments  
☐ Final  
☐ Concurrence requested

\*\*\*\*\*

☐ Comment and return to me for corrections  
☒ See comments section  
☐ Comment and pass on  
☐ Make a copy and forward to next person  
☐ Note Action Item/Action Item Date Due  
☐ See me ASAP reference this item  
☐ Return to Bill Fisher  
☐ Make necessary telephone contact  
☐ File in Docket File

\*\*\*\*\*

**COMMENTS:**

Pending FEES approval, here are the complete actions for the above licensee. The following licenses have been amended to reflect a change in the RSC chairperson. The chairperson was changed from Dr. Allen to Dr. Leonard.

License No:    35-03176-01  
License No:    35-03176-04MD  
License No:    35-03176-06

NOTE: 35-03176-05 does not require an amendment. Subhash Danak is listed as the authorized user for this license. Radioactive material is under his supervision. VOID this action.
--

The actions, when cleared by FEES, will need to be returned to me for signature. When cleared, I will make the necessary corrections in the LAN licensing data base.

No action required by the reviewer on the LTS input sheet.

(FOR LFMS USE)  
INFORMATION FROM LTS

BETWEEN:

LICENSE FEE MANAGEMENT BRANCH, ARM  
AND  
REGIONAL LICENSING SECTIONS

PROGRAM CODE: 03234  
STATUS CODE: 2  
FEE CATEGORY: 4B  
EXP. DATE: 19910131  
FEE COMMENTS: 4B EFF 1/10/86  
DECOM FIN ASSUR REQD: Y

LICENSE FEE TRANSMITTAL

A. REGION IV

1. APPLICATION ATTACHED  
APPLICANT/LICENSEE: OKLAHOMA, UNIVERSITY OF  
RECEIVED DATE: 930914  
DOCKET NO: 3015184  
CONTROL NO.: 464922  
LICENSE NO.: 35-03176-05  
ACTION TYPE: AMENDMENT

2. FEE ATTACHED  
AMOUNT: 4  
CHECK NO.: 4

3. COMMENTS

SIGNED  
DATE

Billie Gussynski  
9/16/93

B. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE 03 IS ENTERED)

1. FEE CATEGORY AND AMOUNT: 4B  
2. CORRECT FEE PAID. APPLICATION MAY BE PROCESSED FOR:  
AMENDMENT ✓  
RENEWAL      
LICENSE    

3. OTHER    

SIGNED  
DATE

Rita Messier  
9/28/93

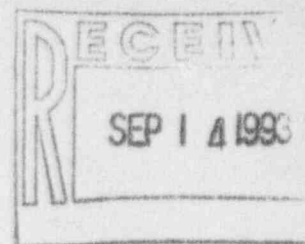


*voided because  
change not need*



*The University of Oklahoma*  
*Health Sciences Center*

RADIATION SAFETY OFFICE



September 9, 1993

Jack Whitten  
Senior Health Physicist  
Nuclear Materials Licensing Section  
United States Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 400  
Arlington, TX 76011-8064

RE: **LETTER OF INFORMATION** Regarding Licenses: #35-03176-01  
#35-03176-05  
#35-03176-06  
#35-03176-04MD  
#35-21035-01

Dear Mr. Whitten:

For your information, William E. Allen, M.D., current Chairman of the Radiation Safety Committee, is on a sabbatical leave until April 1, 1994. Joe C. Leonard, M.D., who has previously served as Chairman, will serve in the temporary position as acting Chairman until Dr. Allen resumes his duties.

Enclosed is Dr. Leonard's curriculum vitae for your files.

Sincerely,

Subhash M. Danak, M.S., D.A.B.R.  
Radiation Safety Officer

/kgb

Enclosure

kg\NRC9993.jlr

Log	Sep 4 IV
Remitter	
Check No.	
Amount	
Fee Category	4B
Type of Fee	and
Fee Required	9/85/93
FEE NOT REQUIRED	
To be voided	
Change not needed	

464922

Revised 12/92

SEP 14 1993

CURRICULUM VITAE

JOE CARL LEONARD, M. D.

Social Security Number:

Date of Birth:

Place of Birth:

Citizenship:

Marital Status:

Address:

Department of Radiological Sciences  
Section of Nuclear Medicine, Chief  
Children's Hospital of Oklahoma  
P. O. Box 26307  
Oklahoma City, Oklahoma 73126  
(405) 271-6581

MILITARY: USAF, Captain 1967 - 1969 Honorable Discharge

EDUCATION: Nuclear Medicine Residency, University of Oklahoma  
Health Sciences Center 1972 - 1973

Radiology Residency, University of Oklahoma Health  
Sciences Center, Oklahoma City, Oklahoma 1969 - 1972

Rotating Internship, Marion County General Hospital  
Indianapolis, Indiana 1966 - 1967

M.D. - Oklahoma University 1962 - 1966

B.S. - DePauw University, Greencastle, Indiana  
1958 - 1962



PROFESSIONAL ENDEAVORS:

BOARD CERTIFICATIONS: American Board of Radiology - 1973  
American Board of Nuclear Medicine - 1974  
Recertification - 1988

LICENSES: Oklahoma - Active 1968

ASSOCIATIONS AND MEMBERSHIPS: Society of Nuclear Medicine - 1970-present  
National  
Program Committee - 1979, 1980, 1983  
Scientific Exhibit - Pediatric Section  
Coordinator - 1980  
SW Chapter  
Board of Trustees - 1979-1981, 1982-1985,  
1988-present  
Program Committee - 1979-1980  
1st Vice President - 1981-1982  
President-elect - 1985-1986  
President - 1986-1987  
Pediatric Nuclear Medicine Club - 1973-present  
Chairman - 1979-1981  
  
American Medical Association  
County, State, National - 1973-present  
  
American College of Radiology - 1974-present  
  
Central Oklahoma City Radiological Society  
1974-present  
  
Radiological Society of North America  
1974-present  
  
American College of Nuclear Physicians  
1976-present  
  
Society of Pediatric Radiology - 1977-present

ACADEMIC APPOINTMENTS:

University of Oklahoma College of Medicine, 1973 -  
Professor, Radiological Sciences - 1983  
Associate Professor, Radiological Sciences, 1978-1983  
Assistant Professor, Radiological Sciences, 1973-1978  
Instructor, Department of Radiological Sciences, 1972-1973

Graduate College Faculty, 1982-present  
Full Member

UNIVERSITY GOVERNANCE:

Radiation Safety Committee - HSC and CHO, 1973-present  
Chairman 1980-1983

Continuing Education Committee - Departmental  
Department - Executive Committee, 1986-present  
Promotion Committee, Chairman, 1983-1992

HOSPITAL GOVERNANCE:

Chief of Staff, Children's Hospital of Oklahoma, 1991-1993  
Associate Chief of Staff, Children's Hospital of Oklahoma, 1989-1991  
Cancer Committee, CHO, 1976-present  
Pharmacy and Therapeutics Committee - CHO, 1977-1989  
Ambulatory Care and Emergency Services Committee, CHO, 1977-1988  
OTH Staff and Productivity Analysis Committee, 1985-1987  
Veteran's Administration Hospital Research & Development Committee  
1981-1984

TEACHING ACTIVITIES:

1991	Interdepartmental Conferences for Residents and Staff of:	
	Pediatric Hematology/Oncology	40 hours
	Film Interpretation & Supervision of Residents	
	Nuclear Medicine	20 hours/week
	Pediatric Radiology	8 hours/week
	Resident Lectures	8 hours
1990	Interdepartmental Conferences for Residents and Staff of:	
	Pediatric Hematology/Oncology	40 hours
	Film Interpretation & Supervision of Residents	
	Nuclear Medicine	20 hours/week
	Pediatric Radiology	8 hours/week
	Resident Lectures	8 hours

## TEACHING ACTIVITIES: (cont'd)

1989	Interdepartmental Conferences for Residents and Staff of:	
	Pediatric Hematology/Oncology	40 hours
	Film Interpretation & Supervision of Residents	
	Nuclear Medicine	20 hours/week
	Pediatric Radiology	8 hours/week
	Resident Lectures	8 hours
19	Interdepartmental Conferences for Residents and Staff of:	
	Pediatric Hematology - Oncology	40 hours
	Pediatric Housestaff	4 hours
	Pediatric Surgery Staff Rounds	2 hours
	Urology Conference	1 hour
	Pediatric GI Service	20 hours
	Departmental Classes for	
	MS IV Nuclear Medicine Elective	20 hours
	Film Interpretation & Supervision of Residents	
	Ultrasound CT	8 hours/week
	Nuclear Medicine	20 hours/week
	Pediatric Radiology	8 hours/week
	Resident Lectures	8 hours
1987	Interdepartmental Conferences for Residents and Staff of:	
	Pediatric Hematology - Oncology	40 hours
	Pediatric Housestaff	4 hours
	Pediatric Surgery Staff Rounds	2 hours
	Urology Conference	1 hour
	Hypertensive Rounds	6 hours
	Pediatric GI Service	1 hour
	Departmental Classes for	
	MS IV Radiology Elective	3 hours
	MS IV Nuclear Medicine Elective	20 hours
	Film Interpretation & Supervision with Residents:	
	Ultrasound CT	16 hours/week
	Nuclear Medicine	20 hours/week
	Pediatric Radiology	8 hours/week
	Resident Lectures	8 hours
1986	Interdepartmental Conferences for Residents and Staff of:	
	Pediatric Hematology - Oncology	48 hours
	Pediatric Housestaff	4 hours
	Pediatric Surgery Grand Rounds	4 hours
	Graduate School	1 hour
	Departmental Classes for	
	MS IV Radiology Elective	6 hours
	MS IV Nuclear Medicine Elective	40 hours
	Film Interpretation & Supervision with Residents:	
	Nuclear Medicine	20 hours/week
	Pediatric Radiology	8 hours/week
	Ultrasound/CT	8 hours/week



TEACHING ACTIVITIES: (cont'd)

1985	Interdepartmental Conferences for Residents and Staff of:	
	Pediatric Hematology - Oncology	50 hours
	Hypertension Conference	10 hours
	Pulmonary	1 hour
	Graduate School	1 hour
	Departmental Classes for:	
	MS IV Radiology Elective	3 hours
	Film Interpretation & Supervision with Residents:	
	Nuclear Medicine	20 hours/week
	Pediatric Radiology	4-8 hours/week
	Ultrasound	6 hours/week
1984	Interdepartmental Conferences for Residents and Staff of:	
	Pediatric Hematology - Oncology	50 hours
	Hypertension Conference	40 hours
	Pediatric Grand Rounds	1 hour
	Urology Residents	1 hour
	Transplant Section	1 hour
	Departmental Classes for:	
	MS IV Radiology Elective	3 hours
	Film Interpretation & Supervision with Residents:	
	Pediatric Radiology	4-8 hours/week
	Nuclear Medicine	20 hours/week
1983	Subbatical NMR Spectroscopy and Imaging	January 1 - June 30
	Hospitals University of Pennsylvania	
	Philadelphia, Pennsylvania	
	Interdepartmental Conferences for Residents and Staff of:	
	Hypertension Conference	13 hours
	Pediatric Hematology - Oncology	26 hours
	Urology Resident Staff Conference	1 hour
	Departmental Classes for:	
	MS IV Radiology Elective	3 hours
	Film Interpretation & Supervision with Residents:	
	Pediatric Radiology	4-8 hours/week x 6 months
	Nuclear Medicine	20 hours/week x 6 months
1982	Interdepartmental Conference for Residents and Staff of:	
	Pediatric Housestaff Core Lecture	2 hours
	Pediatric Outpatient Conference	1 hour
	Pediatric Hematology - Oncology	44 hours
	Departmental Classes for:	
	MS IV Radiology Elective	12 hours
	Radiology Residents, Formal Lectures	10 hours

TEACHING ACTIVITIES: (cont'd)

1982	Film Interpretation and Supervision with Residents:	
(cont'd)	Pediatric Radiology	4-8 hours/week x 8 months
	General Radiology	15 hours/week x 4 months
	Nuclear Medicine	20 hours/week
	Continuing Education:	
	NRC Course - Lecturer	8 hours
1981	Interdepartmental Conferences for Staff and Residents of:	
	Pediatric Housestaff Core Lecture	2 hours
	Pediatric Grand Rounds	1 hour
	Pediatric Surgery Grand Rounds	2 hours
	Pediatric Hematology - Oncology	48 hours
	Departmental Classes for:	
	MS IV Radiology Elective	20 hours
	Nuclear Medicine Technology Students	10 hours
	Radiology Residents, Formal Lecture	5 hours
	Radiology Graduate Seminar	2 hours
	Film Interpretation & Supervision with Residents:	
	Pediatric Radiology	4-8 hours/week
	Nuclear Medicine	20-30 hours/week
	Radiology Graduate Program	6 hours
	Continuing Education Program	
	Pediatric Renal Studies	1 hour
	Society of Nuclear Medicine	
	Pediatric Renal Studies	1 hour
	Departmental Annual Refresher Course	
1980	Interdepartmental Conferences for Staff and Residents of:	
	Medicine Gastroenterology Service	1 hour
	Surgery Grand Rounds	1 hour
	Pediatric Housestaff Core Lecture	1 hour
	Pediatric Gastroenterology Service	1 hour
	Urology Service	2 hours
	Pediatric Hematology - Oncology	44 hours
	Departmental Classes for:	
	MS IV Radiology Elective	20 hours
	Nuclear Medicine Technology Students	15 hours
	Radiology Residents, Formal Lecture	15 hours
	Film Interpretation & Supervision with Residents:	
	Pediatric Radiology	4-8 hours/week
	Nuclear Medicine	20-30 hours/week
	Radiology Graduate Program	6 hours

TEACHING ACTIVITIES: (cont'd)

1979	Interdepartmental Conferences for Staff and Residents of:	
	Infectious Disease Service	1 hour
	Pediatric Emergency Room	2 hours
	Hematology - Oncology Service	52 hours
	Departmental Classes for:	
	MS IV Radiology Elective	30 hours
	Nuclear Medicine Technology Students	20 hours
	Radiology Residents, Formal Lecture	5 hours
	Film Interpretation and Supervision with Residents:	
	Pediatric Radiology	4-8 hours/week
	Nuclear Medicine	20-30 hours/week

1978	Interdepartmental Conferences for Staff and Residents of:	
	Endocrinology Service	1 hour
	GI Service	1 hour
	Infectious Disease Service	1 hour
	ORL Service	2 hours
	Urology Service	2 hours
	Pediatric Emergency Room	4 hours
	Hematology - Oncology Service	52 hours
	Departmental Classes for:	
	MS IV Radiology Elective	30 hours
	Nuclear Medicine Technology Students	20 hours
	Radiology Residents, Formal Lecture	5 hours
	Film Interpretation & Supervision with Residents:	
	Pediatric Radiology	4-8 hours/week
	Nuclear Medicine	20-30 hours/week
	Hospital Staff Conferences:	
	Edmond Memorial Hospital	1 hour

1977	Interdepartmental Conferences for Staff and Residents of:	
	Endocrinology Service	3 hours
	Infectious Disease Service	1 hour
	Nephrology Service	1 hour
	GI Service	1 hour
	Pediatric Emergency Room	4 hours
	Departmental Classes for:	
	MS IV Radiology Elective	27 hours
	Nuclear Medicine Technology Students	15 hours
	Radiology Residents	15 hours
	Film Interpretation & Supervision with Residents:	
	Pediatric Radiology	4-6 hours/week
	Nuclear Medicine	8-16 hours/week
	Hospital Staff Conferences:	
	Edmond Memorial Hospital	1 hour
	Grady County Memorial Hospital	1 hour

TEACHING ACTIVITIES: (cont'd)

1977 (cont'd)	Continuing Education Programs:	
	Oncology Nursing Workshop	1 hour
	Urologic Radiology	
	Glucosheptonate Renal Imaging and the IVP	
	Pediatric Orthopedics for the Practitioner	
	Osteomyelitis and Nuclear Medicine	
	Bone Tumors - The Radiologist's Viewpoint	
1976	Interdepartmental Conferences for Staff and Residents of:	
	GI Service	1 hour
	Pulmonary Service	1 hour
	ORL Service	1 hour
	Urology Service	1 hour
	Nephrology Service	1 hour
	Medicine Service	1 hour
	Pediatric Emergency Room	10 hours
	Departmental Classes for:	
	MS IV Radiology Elective	30 hours
	MS III Selective	2 hours
	Nuclear Medicine Technologists	15 hours
	Radiology Residents, Formal Lecture	20 hours
	Film Interpretation & Supervision with Residents:	
	Radiology Residents	8 hours/week
	Nuclear Medicine Residents	16 hours/week
	Continuing Education Program:	
	Oncology Nursing Workshop	1 hour
	Hospital Staff Conference:	
	Edmond Memorial Hospital	1 hour
1975	Interdepartmental Conferences for Staff and Residents of:	
	Internal Medicine	2 hours
	GI Service	1 hour
	Departmental Classes for:	
	MS IV Radiology Elective	27 hours
	Nuclear Medicine Technology Students	15 hours
	Radiology Residents	6 hours
	Radiological Sciences Graduate Student	
	Seminar	1 hour
	Film Interpretation & Supervision with Residents:	
	Radiology Residents	8 hours/week
	Nuclear Medicine Residents	16 hours/week
	Continuing Education Programs:	
	American College of Radiology, Oklahoma Chapter	
	Pediatric Bone Scanning	
	Pediatric Gallium Scanning	
	Oklahoma Urologic Society and Kidney Foundation	
	Glucosheptonate Renal Scanning	

1974	Interdepartmental Conferences for Staff and Residents of:	
	Internal Medicine	2 hours
	Departmental Classes for:	
	Nuclear Medicine Technology Students	15 hours
	Radiology Residents	6 hours
	Film Interpretation & Supervision with Residents:	
	Diagnostic Radiology Residents	8-10 hours/week
	Nuclear Medicine Residents	8-16 hours/week
	Hospital Staff Conferences:	
	Presbyterian Hospital	1 hour

Theodore Clayborn, M.S. degree, 1991  
Mark James, M.S. degree, 1982  
E.A. Mikhail, Ph.D. degree, 1985  
Adam Kouvelis, M.S. degree, 1986  
Mangesh Kanvinde, Ph.D. degree, 1992

Radiological Sciences  
College of Pharmacy  
College of Pharmacy  
Radiological Sciences  
College of Pharmacy



RESEARCH:

GRANTS

"Evaluation of Radioactive Aerosols in Children with Pulmonary Disease"  
- Small Grant Award - HSC - October, 1977 - Primary Investigator

"Comparison of 99m Technetium Compounds for the Clinical Evaluation of Reticuloendothelial System Functions" - Small Grant Award - HSC - October 1977 - Primary Investigator

"Comparison of Echocardiography and Nuclear Medicine with Heart Catheterization" - Small Grant Award - HSC - September 1978  
- Co-investigator

"Digital Angiography: A Comparison of Venous Digital Angiography and Carotid Arteriography" - Small Grant Award - HSC - October 1982 - Primary Investigator

OTHER RESEARCH INTERESTS:

Evaluation of the following Phase I, II, III radiopharmaceuticals:

Renal Agents:

1. Dimercaptosuccinic Acid - completed
2. Gluceptate - completed
3. 99m Tc-Sulfur Colloid for Renal Rejection - completed

Liver and Spleen:

1. Minimispheres - completed
2. Microaggregated Albumin - completed

Lung:

1. Macroaggregated Albumin - completed

Biliary Imaging:

1. II Merapto Isobuteric Acid - completed
2. Diethyl - IDA - completed

Cisternography:

1. 111 Indium - DTPA - completed
2. 169 Ytterbium - DTPA - completed

Cardiac:

1. 201 Thallium - completed
2. 111 Indium platelet thrombus detection - completed

OTHER RESEARCH INTERESTS (cont'd)

Bone:

1. Methylene Diphosphonate (NEN) - completed
2. Methylene Diphosphonate (Amersham) - completed

Evaluation of the following Investigational New Drug (IND)  
radiopharmaceuticals:

Adrenal:

1. 131 I-6-Iodomethylnorcholesterol (NP-59) - active
2. 131 I Metiodobenzylguanidine Sulfate - active

Lymphatic:

1. 99mTc-Stannous Phosphate - IND #16,903 - active

Evaluation of digital radiography techniques - supported by Medical Data Systems:

PROFESSIONAL SERVICE:

INVITED PRESENTATIONS:

"Evaluation of the Pediatric GU Tract"

presented - Southwestern Chapter Annual Meeting  
Oklahoma City, OK - March 1991

"Evaluation of the Pediatric GU Tract"

presented - Central Oklahoma Radiological Society  
Oklahoma City, OK - September 1987

"Pediatric Applications of SPECT"

presented - The Society of Nuclear Medicine  
Southwestern Chapter Annual Meeting  
Dallas, Texas - March 1986

"Pediatric Urologic Evaluation"

presented - The American College of Nuclear Physicians  
West Palm Beach, Florida - March 1986

"Principles of Bone Scanning"

presented - Oklahoma Podiatry Association  
Oklahoma City, OK - October 1984

"NMR - Where Now"

presented - Oklahoma Chapter, American College of Radiology  
October 1983

Visiting Professor, Nuclear Medicine

University of Pennsylvania, January 1 - June 30, 1983

"Diuretic Renography"

presented - American College of Nuclear Physicians  
January 23, 1982

PROFESSIONAL SERVICE: (cont'd)

INVITED PRESENTATIONS: (cont'd)

- Visiting Professor, Nuclear Medicine  
University of Michigan, April 1-2, 1981
- "Diuretic Renography"  
presented - American College of Nuclear Physicians  
New Orleans, LA - February 11, 1981
- "Glucosheptonate Renal Imaging and the IVP"  
presented - "Urologic Radiology"  
sponsored by - Department of Radiological Sciences OUHSC  
June 4, 1977
- "Bone Tumors - The Radiologist's Viewpoint"  
presented - "Pediatric Orthopaedics for the Practitioner"  
sponsored by - American Academy of Orthopaedic Surgeons  
September 28, 1977
- "Osteomyelitis and Nuclear Medicine"  
presented - "Pediatric Orthopaedics for the Practitioner"  
sponsored by - American Academy of Orthopaedic Surgeons  
September 28, 1977
- "Glucosheptonate Renal Scanning"  
presented - The Oklahoma Urologic Society & Kidney Foundation  
December 7, 1975
- "Pediatric Gallium Scanning"  
presented - The Oklahoma Chapter of the ACR  
September 6, 1975

PAPERS PRESENTED:

- "<sup>123</sup>I-4-Iodococaine: A Potential Probe for the In-Vivo Mapping of the Brain Cocaine Receptors"  
Basmadjian GP, Mills SL, Jain S, Kanvinde MH, Leonard JC, et al.  
Inaugural Symposium, Oklahoma Center for Neurosciences  
Oklahoma City, Oklahoma, October 1, 1992
- "Effect of Film Selection on Lesion Detectability Curves in Radioscintigraphy"  
Prince JR, Kouvelis A, Leonard JC  
Society of Nuclear Medicine  
St. Louis, MO June 13-16, 1989
- "Rapid Determination of Glomerular Filtration Rate (GFR) in Infants Using Tc-99m DTPA"  
Sekar KC, Leonard JC, Puffinbarger B, Burow DM, Duke JC  
Southern Society of Pediatric Research, New Orleans, LA  
February 1-3, 1989
- "Comparison of Gastroesophageal Scintigraphy and Barium Exams with Ph Probe Studies in Pediatric Patients"  
Leonard JC, Puffinbarger WR, Morris MP, Moutos DG, Torres-Pinedo R:  
Southwestern Chapter, Society of Nuclear Medicine  
Little Rock, AR, March 17-19, 1989

PROFESSIONAL SERVICE: (cont'd)

PAPERS PRESENTED: (cont'd)

- "Validation of the Gates GFR Methodology in Children"  
Puffinbarger WR, Burow DM, Leonard JC  
Southwestern Chapter, Society of Nuclear Medicine  
Little Rock, AR, March 17-19, 1989
- "Absorption of Tc99m: Pertechnetate During Nuclear Cystography in Patients with Bladder Augmentation"  
Lowe BL, Leonard JC  
Southwestern Chapter, Society of Nuclear Medicine  
Little Rock, AR, March 17-19, 1989
- "Effect of Film Selection on Lesions Detectability Curves and Contrast-Detail Curves"  
Prince JR, Kouvelis A, Leonard JC  
Radiologic Society of North America  
Chicago, IL, November 30, 1988
- "Film Sensitometry for Analog Nuclear Medicine Studies"  
Kouvelis A, Prince JR, Leonard JC  
Southwestern Association of American Physicists in Medicine  
Little Rock, AR, October 3-4, 1986
- "A Comparison of Barium and Radionuclide Esophagography with Extended Esophageal pH Monitoring for the Diagnosis of Gastroesophageal Reflux in Children"  
Jolley SG, Leonard JC, Tunell WP, Smith EI  
Western Society for Clinical Investigation  
Carmel, California, February 1985
- "Cerebral Blood Flow Studies as a Criteria for Cerebral Death in Children's Hospital"  
Lowe B, Ray M, Leonard JC, Bodensteiner J  
Southwestern Chapter, Society of Nuclear Medicine  
New Orleans, Louisiana, March 1985
- "Synthesis and Biodistribution Studies of (I-125)-Iodo-Ergoline Derivatives"  
Mikhail EA, Basmadjian GP, Gilliland DL, Leonard JC, et al  
Society of Nuclear Medicine  
Houston, Texas, June 1985
- "Effects of Captopril on Renal Hemodynamics and Hippuran Excretion in Renovascular Hypertension"  
Hopla AK, Kaufman DE, Ficken VJ, Ryals CJ, Allen EW, Leonard JC  
Regional Meeting - American College of Physicians  
Afton, Oklahoma, October 23, 1984
- "Evaluation of a Single Edge Phantom for Measuring Selected Performance Parameters of Anger Camera. Works in Progress"  
Prince JR, Hajy-Zamanali J, Burow D, Leonard JC  
Radiological Society of North America  
Washington, D.C., December 25, 1984

PROFESSIONAL SERVICE: (cont'd)

PAPERS PRESENTED: (cont'd)

- "Unique Aspects of Human Newborn Cortical Metabolism"  
Younkin D, Leonard JC, Delavoria-Papadopoulos, et al.  
Child Neurology Society  
Williamsburg, Virginia, October 1983
- "Phosphorus NMR Spectroscopy and Imaging"  
Chance B, Leigh Jr. JS, Haselgrove J, Leonard JC, et al.  
Society of Nuclear Magnetic Resonance  
San Francisco, California, August 1983
- "Correlation studies of the brain with positron emission tomography (PET), nuclear magnetic resonance (NMR) and x-ray computed tomography (XCT)"  
Alavi A, Leonard JC, Zimmerman RA, et al.  
International Meeting on Methods of Cerebral Blood Flow and Metabolism Measurements in Men  
Heidelberg, September 29 - October 1, 1983
- "Desferoxamine Mesylate (DFO): Its Use in Reducing the Radiation Burden of Pediatric Patients Given Gallium-67 Citrate"  
James MR, Basmadjian GP, Leonard JC  
Southwestern Chapter, Society of Nuclear Medicine  
Dallas, Texas, March 28, 1982
- "Digital Radiography Utilizing a Nuclear Medicine Computer System"  
Leonard JC, Huff D, Barnes PD, et al.  
Radiological Society of North America  
Chicago, Illinois, November 17, 1981
- "Recognition of Obstructive Jaundice in Infants - Use of Diethyl-IDA"  
Hitch DC, Leonard JC, et al.  
Southwestern Surgical Congress  
Monterey, California, May 4-7, 1981
- "Experience with Dynamic Imaging Utilizing DEIDA in the Differentiation of Neonatal Hepatitis, Biliary Atresia and Patient Biliary Systems in Infants"  
Hitch DC, Leonard JC, et al.  
1) Southwestern Chapter, Society of Nuclear Medicine  
New Orleans, Louisiana, March 19, 1981  
2) Central Chapter, Society of Nuclear Medicine  
Chicago, Illinois, April 3, 1981  
3) National Meeting, Society of Nuclear Medicine  
Las Vegas, Nevada, June 18, 1981
- "Utilization of Bone and Gallium Scintigraphy in Patients with Neuroblastoma"  
Methvin C, Leonard JC, Nitschke RM  
Southwestern Chapter, Society of Nuclear Medicine  
New Orleans, Louisiana, March 26-29, 1981



PROFESSIONAL SERVICE: (cont'd)

PAPERS PRESENTED: (cont'd)

"Thymic Localization of Ga-67 Citrate in Patients with Leukemia/  
Lymphoma"

Leonard JC, Basmadjian GP, Allen EW, et al.  
Southwestern Chapter, Society of Nuclear Medicine  
New Orleans, Louisiana, March 28, 1981

"Evaluation of the Utility of Standard Imaging Techniques in the Initial  
Evaluation of Patients with Acute Lymphoblastic Leukemia"

Kuntz DJ, Leonard JC, Allen EW, et al.  
Southwestern Chapter, Society of Nuclear Medicine  
New Orleans, Louisiana, March 28, 1981

"Single Photon Tomographic Imaging of Cardiac Thrombi Using Indium-111-  
Labelled Platelets"

Ezekowitz MD, Leonard JC  
Southern Society for Clinical Investigation  
New Orleans, Louisiana, January 15-17, 1981

"Indium-111 Platelet Scintigraphy in the Detection of Left Ventricular  
Thrombi in Surgically-verified Studies"

Ezekowitz MD, Smith EO, Leonard JC  
American Heart Association

Miami, Florida, November 17-20, 1980

"The Use of Indium-111 Labelled Autologous Platelets for Localization of  
Intracardiac Thrombi in Humans"

Ezekowitz MD, Smith EO, Allen EW, Leonard JC, et al.  
Southern Society for Clinical Investigation  
New Orleans, Louisiana, January 24-26, 1980

"Pitfalls in Pediatric Bone Scanning in the Differential Diagnosis of  
Osteomyelitis, Septic Arthritis and Cellulitis"

Sullivan A, Leonard JC, et al.  
Southwestern Chapter, Society of Nuclear Medicine  
Houston, Texas, March 1980

"Assessment of Hepatic Function After Hepatoperto-enterostomy for Biliary  
Atresia Using Tc-Diethyl-Ida"

Hitch DC, Leonard JC, Tunell WP, Smith EI  
Canadian Association of Pediatric Surgeons  
Ottawa, Canada, June 4, 1980

"Nuclear Imaging in the Diagnosis of Osteomyelitis, Septic Arthritis and  
Cellulitis"

Sullivan JA, Leonard JC, et al.  
Orthopedic Section of the American Academy of Pediatrics Annual Meeting  
San Francisco, California, October 1979

"Identification of Left Ventricular Thrombi in Humans Using Indium-111  
Labelled Platelets"

Ezekowitz MD, Smith EO, Leonard JC, et al.  
Yale University School of Medicine State of the Art Symposium  
New York, New York, September 1979

PROFESSIONAL SERVICE: (cont'd)

PAPERS PRESENTED: (cont'd)

- "Para-aortic Lymph Node Visualization in Dogs Using Tc-99m-Sn-PO<sub>4</sub>"  
Basmdjian GP, Gilliland DL, Leonard JC, et al.  
Society of Nuclear Medicine  
Atlanta, Georgia, June 1979
- "Development of a Lymphoscintigraphy Agent: Tc-99m-Sn-PO<sub>4</sub>"  
Gilliland DL, Basmdjian GP, Kirschner AS, Leonard JC, et al.  
Second International Symposium on Radiopharmaceuticals  
Seattle, Washington, March 1979
- "Pediatric Renal Imaging"  
Leonard JC, Wenzl JE, Allen, EW  
Society of Nuclear Medicine  
Anaheim, California, June 1978
- "Glucoheptonate Renal Imaging: A Multipurpose Examination"  
Leonard JC, Allen EW, Smith CW  
Southwestern Chapter, Society of Nuclear Medicine  
Little Rock, Arkansas, March 1978
- "99mTc-Sulfur Colloid Utilization in Renal Transplants"  
Leonard JC, Allen EW, Smith CW  
Southwestern Chapter, Society of Nuclear Medicine  
Little Rock, Arkansas, March 1978
- "Glucoheptonate Renal Scanning and the IVP: A Surgical and Angiographic Correlative Study"  
Leonard JC, et al.  
Central Chapter, Society of Nuclear Medicine  
Chicago, Illinois, February 24, 1977  
Southwestern Chapter, Society of Nuclear Medicine  
El Paso, Texas, March 19, 1977  
Southeastern Chapter, Society of Nuclear Medicine  
Atlanta, Georgia, October 15, 1977  
Radiological Society of North America  
Chicago, Illinois, November 29, 1977
- "Technetium Sulfur Colloid Renal Imaging and Transplant Rejection"  
Bauman WE, Leonard JC, et al.  
Intern and Resident Day -- Best paper in Radiology  
Oklahoma City, Oklahoma, May 1977
- "False-Positive 67 Gallium Scans with C. parvum"  
Leonard JC, et al.  
American Association for Cancer Research, Southwestern Section  
Houston, Texas, December 11, 1976
- "Glucoheptonate Scanning and the IVP"  
Delong JF, Leonard JC  
Intern and Resident Day -- Best paper in Radiology  
Oklahoma City, Oklahoma, May 1976

PROFESSIONAL SERVICE: (cont'd)

PAPERS PRESENTED: (cont'd)

"Thyroid Thermography and Scanning"

Barnes PD, Leonard JC

Intern and Resident Day -- Best paper in Radiology  
Oklahoma City, Oklahoma, May 1975

"Retroperitoneal Masses"

Leonard JC

Southwestern Chapter, Society of Nuclear Medicine  
Oklahoma City, Oklahoma, March 1974

PUBLICATIONS:

Articles:

Sekar KC, Leonard JC, Puffinburger WR, et al. Rapid determination of glomerular filtration rate in infants using Tc-99m DTPA. Clin Nucl Med 17: 550-2, 1992

Godette GA, Murray DP, Gruel CR, Leonard JC. Chronic recurrent multifocal osteomyelitis. Orthopedics 15:520-1, 525-6, 1992

Bobele GB, Garnica A, Schaefer GB, Leonard JC, et al. Neuroimaging findings in Alexander's disease. J Child Neurol 5:253-8, 1990

Dewey SH, Leonard JC. Ocular melanoma: Detection using Iodine-123-iodoamphetamine and SPECT imaging. J Nucl Med 31:375-7, 1990

Lowe B, Barnes WF, Leonard JC. Absorption of Tc-99m pertechnetate from the augmented bladder during direct nuclear cystography. Clin Nucl Med 14: 347-9, 1989

Fritze M, Marshall K, Smith EI, Leonard JC. Intra-abdominal abscess and peritonitis. Clin Nucl Med 14:296-7, 1989

Larson DC, Nguyen DL, Raftery RG, Leonard JC. Iliopsoas abscess in an immunocompromised patient. Clin Nucl Med 13:682-683, 1988

Mitchell DS, Stacy TM, Grunow JE, Leonard JC. Scintigraphic detection of an occult abdominal bleed in a child. Clin Nucl Med 13:546-548, 1988

Kouvelis A, Prince JR, and Leonard JC. Determining characteristic curves for films used in analog nuclear medicine. J Nucl Med Technol 15:115-118, 1987

PROFESSIONAL SERVICE: (cont'd.)

PUBLICATIONS: (cont'd)

Articles: (cont'd)

Jolley SG, Tunell WP, Leonard JC, Hoelzer DJ and Smith I: Gastric emptying in children with gastroesophageal reflux. II. The relationship to retching symptoms following antireflux surgery. Ped Surg 22:927-930, 1987

Jolley SG, Leonard JC and Tunell WP. Gastric emptying in children with gastroesophageal reflux. I. An estimate of effective gastric emptying. Ped Surg 22:923-926, 1987

Reyes de la Rocha S, Pysher TJ, Leonard JC. Dyskinetic cilia syndrome: clinical radiologic and scintigraphic findings. Ped Radiol 17:97-103, 1987

Nguyen D, Leonard JC: Ischemic hepatic necrosis: a cause of fetal hepatic calcification. AJR 147:596-597, 1987

Calderwood G, Nguyen D, Leonard JC: Hepatoblastoma. Clin Nucl Med 11:880-881, 1986

Leonard JC, Fuller C, Lowe B: Demonstration of azygos vein collateral flow. Clin Nucl Med 11:738-739, 1986

Acker R, Leonard JC: Esthesioneuroblastoma imaged with bone scintigraphy. Clin Nucl Med 11:670-671, 1986

Fuller C, Leonard JC: Extraosseous localization of Technetium-99m MDP in benign cystic teratoma. Clin Nucl Med 11:574-576, 1986

Talley MA, Nguyen DL, Leonard JC: Hepatic hemangioma diagnosis by emission computed tomography. Clin Nucl Med 11:49-51, 1986

Fleming J, Leonard JC: Myocardial localization of Technetium-99m methylene diphosphonate in an infant. Clin Nucl Med 11:369-370, 1986

Leonard JC, Nanney SM, Tittle T: Arteriovenous fistula secondary to renal biopsy. Clin Nucl Med 11:284-1986

Leonard JC, Nanney SM, Pittman P: Serendipitous diagnosis of superior vena caval obstruction on a posterior abdominal flow study. Clin Nucl Med 10:674, 1985

Leonard JC, Cook DES: Adenocarcinoma of the cecum detection by gallium scintigraphy. Clin Nucl Med 10:520-521, 1985

PROFESSIONAL SERVICE: (cont'd)

PUBLICATIONS: (cont'd)

Articles: (cont'd)

Leonard JC, Raftery RG: Metastatic osteogenic sarcoma involving the left ventricle, identification with Gallium-67 citrate. Clin Nucl Med 10:440, 1985

Carollo BR, Leonard JC: False-positive liver scintigraphy secondary to posterior sulcus pulmonary neoplasm. Clin Nucl Med 10:385-388, 1985

Leonard JC, Hoebing GC: Persistent Activity in the subclavian vein producing an area of abnormal uptake during brain scintigraphy. Clin Nucl Med 10: 290-291, 1985

Leonard JC, Humphrey GB, Basmdjian G: Lymphedema secondary to filiarisis. Clin Nucl Med 10:203, 1985

Leonard JC, Younkin DP, Chance B, et al.: Magnetic resonance: an overview of its spectroscopic and imaging applications in pediatric patients. J Pediatrics 106:756-761, 1985

Wheeland RG, Leonard JC, Ellis DL: Gallium scintigraphy in exfoliative dermatitis. Clin Nucl Med 10:887-888, 1985

Barnes PD, Reynolds AF, Galloway DC, Pollay MF, Leonard JC, Prince JR: Digital myelography of spinal dysraphism in infancy: preliminary results. AJNR 5:208-211, 1984

White TW, Leonard JC, Barnes WF: Ileocecal reflux: a potential source of error with nuclear cystography in the patient with ileoceccystoplasty. Clin Nucl Med 9:540-541, 1984

Younkin DP, Delavoria-Papadopoulos M, Leonard JC, et al.: Unique aspects of human newborn cerebral metabolism evaluated with 31-P NMR spectroscopy. Ann Neurol 16:581-586, 1984

Reyes S, Leonard JC, Demetriou E: Possible permanent respiratory sequela of Steven-Johnson syndrome in a native American adolescent. J Adol Health Care 6:220-223, 1985

Kuntz DJ, Leonard JC, Nitschke RM, et al.: An evaluation of diagnostic techniques utilized in the initial workup of patients with acute lymphocytic leukemia. Clin Nucl Med 9:405-408, 1984

Leonard JC, Barnes PD, Keyes JR, et al.: Digital radiography: utilization of a nuclear medicine computer system. Computerized Radiol 7:85-90, 1983



PROFESSIONAL SERVICE: (cont'd)

PUBLICATIONS: (cont'd)

Articles: (cont'd)

Hinkle GM, Leonard JC, Krous MF, et al.: Absence of hepatic uptake of Technetium-Tc-99m sulfur colloid in an infant with Coxsackie B<sub>2</sub> viral infection. Clin Nucl Med 8:246-248, 1983

Leonard JC, Barnes PD, Allen EW: Hepatic artery-portal vein fistula: scintigraphic detection. Clin Nucl Med 8:441-442, 1983

Leonard JC: Thymic localization of gluceptate. Clin Nucl Med 7:577, 1982

Inciardi M, Leonard JC: Caroli's disease - role of hepatobiliary scintigraphy. Clin Pediatr 21:738-740, 1982

Leonard JC, Hitch DC, Manion CV: Utilization of Tc-99m DEIDA clearance curves in the differentiation of biliary atresia from other forms of neonatal jaundice. Radiology 192:773-776, 1982

James MB, Leonard JC, Fraser JJ: Hypervitaminosis A: a case report. Ped 68:112-115, 1982

Donahue DM, Leonard JC, Basmadjian GP: Thymic Gallium-67-localization in pediatric patients on chemotherapeutic drugs. J Nucl Med 22:1043-1048, 1981

Leonard JC, Marks MI, Kolyvas E: False-normal radionuclide scans for osteomyelitis. (Letter) Am J Dis Child 135:383, 1981

Hitch DC, Leonard JC, Pysher TJ, Manion CV, Smith EI: Differentiation of cholestatic jaundice in infants: utility of Diethyl-IDA. Am J Surg 142: 671-677, 1981

Hitch DC, Leonard JC, Manion CV, et al.: Assessment of hepatic function after hepatportoenterostomy for biliary atresia using Tc-Diethyl-IDA. J Pediatr Surg 16:471-475, 1981

Sullivan JA, Vasileff T, Leonard JC: An evaluation of nuclear scanning in orthopaedic infections. J Pediatr Orthrop 1:73-79, 1981

Leonard JC, Barnes PD, Kern JD: Splenic Hemangioma. Clin Nucl Med 6:89, 1981

Ezekowitz MD, Smith EO, Leonard JC, et al.: The development of a left ventricular thrombus following acute myocardial infarction as diagnosed with Indium-111 platelet scintigraphy and confirmed by surgery. Circulation 63:803-810, 1981

PROFESSIONAL SERVICE: (cont'd)

PUBLICATIONS: (cont'd)

Articles: (cont'd)

Leonard JC, Baumann WE, Pederson JA, et al.:  $^{99m}\text{Tc}$  sulfur colloid scanning in the diagnosis of renal transplant rejection. J Urol 123:815, 1980

Leonard JC, Wenzl JE, Allen EW, et al.: Glucoptate renal imaging: experience in a pediatric population. Clin Pediatr 19:615-619, 1980

Gilliland DL, Basmadjian GP, Kirschner AS, Leonard JC, et al.: Development of a lymphoscintigraphy agent:  $\text{Tc-}^{99m}\text{-Sn-PO}_4$ . Appeared in Radiopharmaceuticals II: Proceedings, 2nd International Symposium on Radiopharmaceuticals, March 1979, Seattle, Washington, pp. 321-329.

Leonard JC, Wilson DA, Daniel HG: Noninvasive renal imaging: the contribution of nuclear medicine and ultrasound. Appl Radiol 8:119-125, 1979

Leonard JC, Allen EW, Goin J, Smith CW: Renal cortical imaging and the detection of renal mass lesions. J Nucl Med 20:1018-1022, 1979

Hamed IA, Wenzl JE, Leonard JC, et al.: Detection of pulmonary cytomegalovirus infection by Gallium-67 imaging in the transplant patient. Arch Int Med 139:286-288, 1979

Leonard JC, Vanhoutte JJ, Stacy TM, Barnes PD: Pelvic kidney: contraindication to herniography. Am J Dis Child 132:1042, 1978 (Letter)

Leonard JC: Pulmonary perfusion imaging in congenital lobar emphysema. Am J Dis Child 132:937, 1978 (Letter)

Leonard JC, Humphrey GB, Vanhoutte JJ: Positive  $^{67}\text{Ga}$ -Citrate scans in patients receiving corynebacterium parvum. Clin Nucl Med 3:370-371, 1978

Leonard JC, Wilson DA, Halverstadt DB: Ultrasound and nuclear medicine in evaluation of renal disease. Urology 12:219-221, 1978

Leonard JC: Nuclear Medicine: an overview. South Med J 71:709-714, 1978

Abstracts/

Abstracted Articles:

Burow DM and Leonard JC. Automated quality control for standard determination. J Nucl Med 28:265, 1987

Burow DM, Hoebing GC and Leonard JC. An automated cost accounting and billing program for a nuclear medicine service. J Nucl Med 28:265, 1987

PROFESSIONAL SERVICE: (cont'd)

PUBLICATIONS: (cont'd)

Abstracts/Abstracted Articles: (cont'd)

Burow DM, Hoebing GC, Raftery RG, Cook D and Leonard JC. An improved technique for calculation of injected dose in GFR Determination. J Nucl Med 28:264-265, 1987

Lowe BL, Cook D, Raftery RG, Hoebing GC and Leonard JC. Are you getting the most out of nuclear cystography? J Nucl Med 28:264, 1987

Lowe B, Ray M, Leonard JC, Bodensteiner J. Cerebral blood flow studies, as a criterion for cerebral death in a children's hospital. J Nucl Med 26:325, 1985

Jolley SG, Leonard JC, Tunnell WP, Smith EI. A comparison of barium and radionuclide esophagography with extended esophageal pH monitoring for the diagnosis of gastroesophageal reflux in children. Clin Res 33:1:35A, 1985

Mikhail EA, Basmadjian GP, Gilliland DL, Leonard JC, et al.: Synthesis and biodistribution studies of (I-125)-Iodo-ergoline derivatives. J Nucl Med: P124, 1985

Alavi A, Leonard JC, Zimmerman R, et al.: Correlative morphological and functional studies of the brain in man, utilizing CT, NMR and PET imaging. J Nucl Med 24:P108, 1983

Younkin DP, Leonard JC, Delavoria-Papadopoulos M, et al.: Unique features of human newborn cortical metabolism measured with Phosphorus-31 nuclear magnetic resonances. Ann Neurol 14:355, 1983

Hitch DC, Leonard JC, Manion CV, et al.: Evaluation of Diethyl-IDA rate constants in rate models simulating normal and atretic biliary function. Ped Res 16:166A, 1982

Kuntz DJ, Leonard JC, Nitschke RM, et al.: Evaluation of the utility of standard imaging techniques in the initial evaluation of pediatric patients with acute lymphocytic leukemia. Proceedings of the Third World Congress of Nuclear Medicine and Biology, Vol. 1, pp. 994-997, 1982

James MR, Basmadjian GP, Leonard JC, et al.: Desferoxamine mesylate: its use in reducing radiation burden in pediatric patients injected with Gallium-67 citrate. Proceedings of the Third World Congress of Nuclear Medicine and Biology, Vol. 1, pp. 991-993, 1982

James MB, Leonard JC, Fraser JJ: Hypervitaminosis A: a case report. Scherer Survey of Health and Nutrition Literature. Vol. II:3, 8, 1982

PROFESSIONAL SERVICE: (cont'd)

PUBLICATIONS: (cont'd)

Abstracts/Abstracted Articles: (cont'd)

Ezekowitz MD, Leonard JC: Single photon tomographic imaging of cardiac thrombi using Indium-111-labelled platelets. Clin Res 28:878A, 1980

Ezekowitz MD, Leonard JC, Smith EO, et al.: Comparison between contrast ventriculography, cross-sectional echocardiography and Indium-111 platelet scintigraphy in detection of left ventricular thrombi. Clin Res 28:167A, 1980

Leonard JC, Hitch DC, Manion CV: Experience with dynamic imaging utilizing DIDA in the differentiation of neonatal hepatitis, biliary atresia and patent biliary system in infants. J Nucl Med 22:P37, 1981

Ezekowitz MD, Smith EO, Allen EW, Leonard JC, et al.: Identification of left ventricular thrombi in humans using Indium-111-labelled autologous platelets. Am J Cardiology 45:463, Feb 1980

Renal cortical imaging and the detection of renal mass lesions. Abstracted in RADIOLOGY DIGEST, Northfield, Illinois, 1980.

Ezekowitz MD, Smith EO, Allen EW, Leonard JC, et al.: The use of Indium-111 labelled autologous platelets for localization of intracardiac thrombi in humans. Clin Res 27:769A, Dec 1979

Gilliland DL, Basmadjian GP, Kirschner AS, Leonard JC, et al.: Development of a lymphoscintigraphy agent: Tc-99m-Sn-PO<sub>4</sub>. AJR 132:489, March 1979

Positive 67 Ga-citrate scans in patients receiving corynebacterium parvum. Abstracted in THE YEARBOOK OF NUCLEAR MEDICINE 1979, pp. 39-40 (Edited by Quinn JL), Yearbook Medical Publishers, Chicago, 1979

Basmadjian GP, Gilliland DL, Leonard JC, et al.: Para-aortic lymph node visualization in dogs using Tc-99m-Sn-PO<sub>4</sub>. J Nucl Med 20:654, 1979

Leonard JC, Allen EW, Wenzl JE: Glucoheptonate renal imaging in a children's hospital. J Nucl Med 19:699, 1978



PROFESSIONAL SERVICE: (cont'd)

PUBLICATIONS: (cont'd)

Book Chapters:

Alavi A, Chawluk J, Leonard JC, et al.: Correlative Imaging of the Brain With Positron Emission Tomography, X-ray Computed Tomography and Nuclear Magnetic Resonance in Diagnostic Nuclear Medicine, 2nd Edition. Eds. A Gollshaolk, PB Hofer and EJ Potchen (Baltimore: Williams & Wilkins, 1988)

Leonard JC: Nuclear Scintigraphy of the Genitourinary Tract of Children in Nuclear Medicine Annual 1987. Eds. LM Freeman and HS Weismann (New York: Raven Press, 1987)

Alavi A, Leonard JC, Chawluk J, et al.: Correlation Studies of the Brain With Positron Emission Tomography, Nuclear Magnetic Resonance, and X-ray Computed Tomography in Cerebral Blood Flow and Metabolism Measurement. Eds. Hartmann and Hoyer (Berlin: Springer-Verlag, 1985)

Leonard JC, Alavi A: Positron Emission Tomography: Application in the Evaluation of the Central Nervous System in Head and Spine Imaging. Eds. CF Gonzalez, CB Grossman and JC Masden (New York: John Wiley & Sons, 1984)

Leonard JC, Allen EW: Use of Technetium-Tc-99m Sulfur Colloid in the Diagnosis of Transplant Rejection in Noninvasive Diagnosis of Kidney Disease. Ed. G. Lubec, M.D. (Basel: Karger, 1983), pp. 344-353

Ezekowitz MD, Smith EO, Leonard JC, et al.: Identification of Left Ventricular Thrombi in Humans Using Indium-111 Labeled Platelets. Proceedings, State of the Art Symposium on Radiolabeled Blood Cellular Elements, New York City, 1979

Scientific Exhibits:

"Experimental Variables Affecting LSF Measurements and Associated Frequency Descriptors - A Simulation and Experimental Study"

D'Souza MF, Mohapatra SM, Prince JR, Turley JD, Leonard JC, et al.  
Radiological Society of North America  
Chicago, Illinois, November 29-December 4, 1992



PROFESSIONAL SERVICE: (cont'd)

Scientific Exhibits: (cont'd)

"Simplified 99mTc MAG3 ERPF Determination Not Requiring the Counting of a 99mTc Standard"

Allen EW, Leonard JC, Ficken VJ  
Society of Nuclear Medicine  
Los Angeles, California, June 9-12, 1992

"No-carrier Added Radioiodinated Cocaine Analogs: Synthesis, Ligand Binding and Animal Biodistribution"

Basmadjian GP, Kanvinde MH, Jain SP, Mills SL, Leonard JC, et al.  
Society of Nuclear Medicine  
Los Angeles, California, June 9-12, 1992

"Utilization of Thallous (Tl-201) Chloride in the Differential Evaluation of Soft Tissue and Bone Lesions in Children"

Hamlin J, Leonard JC, Nitschke R, Rooney R  
Southwestern Chapter, SNM  
San Antonio, Texas, April 9-12, 1992

"Effect of Film Selection on Lesion Detectability Curves in Radioscintigraphy"

Prince JR, Kouvelis A, Leonard JC  
Society of Nuclear Medicine  
St. Louis, Missouri, June 13-16, 1989

"Effect of Film Selection on Lesion Detectability Curves and Contrast Detail Curves"

Prince JR, Kouvelis A and Leonard JC  
Southwestern Chapter, SNM  
Oklahoma City, Oklahoma, March 18-20, 1988

"Are You Getting the Most Out of Nuclear Cystography?"

Lowe BL, Cook DES, Raftery RG, Hoebing GC, Leonard JC, et al.  
Southwestern Chapter, SNM  
Houston, Texas, March 27-29, 1987

"An Improved Technique for Calculation of Injected Dose in GFR Determination"

Burow DM, Hoebing GC, Raftery R, Cook D, Leonard JC, et al.  
Southwestern Chapter, SNM  
Houston, Texas, March 27-29, 1987

"An Automated Quality Control for Standard Determination"

Burow DM and Leonard JC, et al.  
Southwestern Chapter, SNM  
Houston, Texas, March 27-29, 1987

PROFESSIONAL SERVICE: (cont'd)

Scientific Exhibits: (cont'd)

"An Automated Cost Accounting and Billing Program for a Nuclear Medicine Service"

Burow DM, Hoebing GC, Leonard JC, et al.  
Southwestern Chapter, Society of Nuclear Medicine  
Houston, Texas, March 27-29, 1987

"Correlation Morphological and Functional Studies of the Brain in Man, Utilizing CT, NMR and PET Imaging"

Alavi A, Leonard JC, Zimmerman R, et al.  
Society of Nuclear Medicine  
St. Louis, Missouri, June 7-10, 1983

"Desferoxamine Mesylate: Its Use in Reducing Radiation Burden in Pediatric Patients Injected With Gallium-67 Citrate"

James MR, Basmadjian GP, Leonard JC, et al.  
World Federation of Nuclear Medicine and Biology  
Paris, August 28-September 2, 1982

"Evaluation of the Utility of Standard Imaging Techniques in the Initial Evaluation of Pediatric Patients With Acute Lymphocytic Leukemia"

Kuntz DJ, Leonard JC, Nitschke RM, et al.  
World Federation of Nuclear Medicine and Biology  
Paris, August 28-September 2, 1982

"Simultaneous Separate Glomerular Filtration Rate Determination - Validation of a Method"

Leonard JC, Malone EL, Chu WK, Allen EW  
Society of Nuclear Medicine, 27th Annual Meeting  
Detroit, June 24-27, 1980

"Prostatic Lymph Scintigraphy With Tc-99m-SnPhosphate"

Leonard JC, Basmadjian GP, Isaacson RN, Lee HR, et al.  
Society of Nuclear Medicine, 27th Annual Meeting  
Detroit, June 24-27, 1980

"Para-aortic Lymph Node Visualization in Dogs"

Gilliland D, Leonard JC, et al.  
Graduate Education Research Day  
Oklahoma City, October 26, 1979

"Glucoheptonate Renal Imaging"

Leonard JC, et al.  
Society of Nuclear Medicine  
Anaheim, California, June 27-30, 1978  
Radiological Society of North America  
Chicago, November 28-December 2, 1977

