

American Society of Interventional Pain Physicians' 3<sup>rd</sup>

# Comprehensive Pain Medicine Board Review Course

Course Directors

Laxmaiah Manchikanti, MD

Mark V. Boswell, MD, PhD

Rinoo V. Shah, MD

Up to 46.25 CME Category I Credit Hours

A stylized graphic of the St. Louis Arch, rendered in a light blue color, set against a dark blue background. The arch is positioned on the left side of the lower half of the page.

St. Louis, Missouri  
August 6–10, 2005

## Statement of Need

This 5-day intensive Board Review Course is planned as a CME activity to prepare physicians seeking board certification, re-certification, or an in-depth review of the specialty of pain medicine. This review Course will be based on the American Board of Anesthesiology specifications with proportionate weighted averages of Course curriculum to prepare physicians from anesthesiology and other specialties appearing for board certification or re-certification.

This Course will provide in-depth evaluation of the knowledge of the participating physicians with extensive pre-Course and post-Course Board Review examinations, daily pre- and post-tests, and review of the questions daily.

As part of this comprehensive, in-depth, intense 5-day Board Review Course, we will provide you with the following:

1. Syllabus with outlines of the lectures and accompanying questions, distributed at the meeting.
2. Results of the tests provided on site on a daily basis.

## Accreditation Statement

This activity has been planned and implemented in accordance with Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the University of Louisville and the American Society of Interventional Pain Physicians. The University of Louisville is accredited by the ACCME to provide continuing medical education for physicians.

## Category I Credit

Continuing Health Sciences Education designates this educational activity for up to 46.25 hours of Category I credit toward the AMA Physicians Recognition Award. Each physician should claim only those hours that he/she actually spent in the educational activity.

## Americans With Disabilities Act

Organizers fully comply with the legal requirements of the Americans with Disability Act and the rules and regulations thereof. If any participant in this educational activity is in need of accommodations, please contact the organizers at (270)554-9412 at least 10 days prior to the conference.

## Purpose

This Board Review Course is intended to present pain management specialists seeking board certification, re-certification, or an in-depth review of the specialty with an overview of the anatomy, physiology, diagnosis, and treatment of a wide range of painful disorders, as follows:

- Anatomy – 10%
- Neuroanatomy & Function – 10%
- Pain States – 20%
- Diagnosis & Therapy – 20%
- Pharmacology – 10%
- Pregnancy & Nursing – 5%
- Pediatrics – 5%
- Geriatrics – 5%
- Critical Care – 5%
- Ethics – 5%
- Record Keeping, Controlled Drugs, Quality Assurance – 5%

## COURSE DIRECTORS

### Laxmaiah Manchikanti, MD

President, ASIPP  
Assistant Clinical Professor of  
Anesthesiology and Perioperative Medicine  
University of Louisville, KY  
Medical Director  
Pain Management Center of Paducah  
Paducah, KY

### Mark V. Boswell, MD, PhD

Editor-in-Chief, Pain Physician  
Associate Professor of Anesthesiology  
Chief, Anesthesiology Pain Service  
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Cleveland, OH

### Rinoo V. Shah, MD

Assistant Professor  
Department of Anesthesiology  
Texas Tech University  
Lubbock, TX

# FACULTY

**Herbert P. Bawden, Jr., MS**  
Consulting Psychologist  
Personnel Research Center  
Horsham, PA

**B. Kirke Bieneman, MD**  
Clinical Instructor  
Department of Radiology  
Saint Louis University School of  
Medicine  
Saint Louis, MO

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Associate Professor of Anesthesiology  
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**Miles R. Day, MD, FIPP, DABPM**  
Associate Professor  
The Eugene McDermott Center for Pain  
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UT Southwestern Medical Center University  
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**Claudio Feler, MD**  
Associate Professor  
Department of Neurosurgery  
University of Tennessee Center for Health Sciences  
Neurosurgeon  
Semmes-Murphey Neurologic & Spine Institute  
Memphis, TN

**James Giordano, PhD**  
Professor of Pathology  
Director, Basic and Integrative Medical Research  
Programs  
Moody Health Sciences Center  
Pasadena, TX  
Associate Professor of Integrative Medicine  
MD Anderson Cancer Center  
University of Texas, Health Sciences Center  
Houston, TX

**Jeremy Goodwin, MD**  
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Oregon Health & Science University  
Departments of Neurology, Neurosurgery, and  
Pediatrics  
Portland, OR

**Jeffrey W. Janata, PhD**  
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Director, Behavioral Medicine Program  
Clinical Director  
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University Hospitals of Cleveland  
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**Gerald A. Rosen, PhD**  
Consulting Psychologist  
Huntingdon Valley, PA

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**Howard Smith, MD**  
Academic Director of Pain Management  
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Albany Medical College  
Albany, NY

**Matt Weinberg, MB\***  
Bioethicist, Research Subject  
Protections Program  
Office of the Commissioner  
New Jersey Department of  
Health & Senior Services  
Trenton, NJ

\*The content of Matt Weinberg's presentation is the sole responsibility of the speaker and has not been endorsed or authorized by the New Jersey Department of Health & Senior Services.

## Day 1 - Saturday, August 6, 2005

	Section I	Section II
<b>6:30 – 7:30 a.m. Registration &amp; Continental Breakfast</b>		
<b>7:30</b>	Introduction - <i>Laxmaiah Manchikanti, MD</i>	Introduction - <i>Mark Boswell MD, PhD</i>
<b>8:15</b>	Psychometrics: Test Taking Strategies - <i>Gerald Rosen, PhD</i>	Psychometrics: Test Taking Strategies - <i>Herbert Bawden, Jr., MS</i>
<b>8:45</b>	Pre-test (100 questions)	Pre-test (100 questions)
<b>10:15 – 10:30 a.m. Coffee Break</b>		
<b>10:30</b>	Neuroanatomy & Electrophysiology of Pain - <i>James Giordano, PhD</i>	Pharmacotherapy. General Principles - <i>Howard Smith, MD</i>
<b>11:15</b>	Pain Mechanisms, Pathophysiology, & Measurement <i>James Giordano, PhD</i>	Anatomy of Spine <i>Rinoo Shah, MD</i>
<b>12:00 – 1:30 p.m. Lunch on Your Own</b>		
<b>1:30</b>	Anatomy of Head, Neck, & Thorax - <i>Rinoo Shah, MD</i>	Systemic & Intrathecal Opioid Pharmacology - <i>Howard Smith, MD</i>
<b>2:15</b>	Psychological Issues of Pain/Psychogenic Pain <i>Jeffrey Janata, PhD</i>	Anatomy of Abdomen, Pelvis & Retroperitoneal Structures <i>Mark Boswell, MD, PhD</i>
<b>3:00</b>	Pharmacotherapy. General Principles - <i>Howard Smith, MD</i>	Neuroanatomy & Electrophysiology of Pain - <i>James Giordano, PhD</i>
<b>3:45 – 4:00 p.m. Coffee Break</b>		
<b>4:00</b>	Anatomy of Abdomen, Pelvis & Retroperitoneal Structures <i>Mark Boswell, MD, PhD</i>	Pain Mechanisms, Pathophysiology & Measurement <i>James Giordano, PhD</i>
<b>4:45</b>	Systemic & Intrathecal Opioid Pharmacology - <i>Howard Smith, MD</i>	Neurophysiologic Testing - <i>Jeremy Goodwin, MD</i>
<b>5:30</b>	Review of Questions <i>Rinoo Shah, MD, Howard Smith, MD, Gerald Rosen, PhD, Jeffrey Janata, PhD</i>	Review of Questions <i>Mark Boswell, MD, PhD, James Giordano, PhD Jeremy Goodwin, MD, Herbert Bawden, Jr., MS</i>

to 6:30

## Day 2 - Sunday, August 7, 2005

	Section I	Section II
<b>6:30 - 7:30 a.m. Continental Breakfast &amp; Pretest</b>		
<b>7:30</b>	Psychological Evaluation & Psychometric Testing <i>Jeffrey Janata, PhD</i>	Pharmacology of Psychotherapeutic & Adjuvant Drugs <i>Howard Smith, MD</i>
<b>8:15</b>	Radiologic Evaluation - <i>Kirke Bieneman, MD</i>	Rehabilitation Techniques - <i>Rinoo Shah, MD</i>
<b>9:00</b>	Neuroanatomy & Pathophysiology of Pain Pathways <i>James Giordono, PhD</i>	Pharmacology of Local Anesthetics, Steroids & Neurolytics <i>Howard Smith, MD</i>
<b>9:45 - 10:00 a.m. Coffee Break</b>		
<b>10:00</b>	Psychotherapeutic Modalities - <i>Jeffrey Janata, PhD</i>	Pharmacology of NSAID's, Autonomic & Cardiovascular Drugs <i>Howard Smith, MD</i>
<b>10:45</b>	Practical Radiology - <i>Kirke Bieneman, MD</i>	Neuroanatomy & Pathophysiology of Pain Pathways <i>James Giordono, PhD</i>
<b>11:30</b>	Pharmacology of Local Anesthetics, Steroids & Neurolytics <i>Howard Smith, MD</i>	Psychological Issues of Pain/Psychogenic Pain - <i>Jeffrey Janata, PhD</i>
<b>12:15 - 1:45 p.m. Lunch on Your Own</b>		
<b>1:45</b>	Anatomy of Spine - <i>Rinoo Shah, MD</i>	Psychological Evaluation & Psychometric Testing <i>Jeffrey Janata, PhD</i>
<b>2:30</b>	Pharmacology of NSAID's, Autonomic & Cardiovascular Drugs <i>Howard Smith, MD</i>	Radiologic Evaluation <i>Kirke Bieneman, MD</i>
<b>3:15 - 3:30 p.m. Coffee Break</b>		
<b>3:30</b>	Pharmacology of Psychotherapeutic & Adjuvant Drugs <i>Howard Smith, MD</i>	Practical Radiology - <i>Kirke Bieneman, MD</i>
<b>4:15</b>	Neurophysiologic Testing - <i>Jeremy Goodwin, MD</i>	Psychotherapeutic Modalities - <i>Jeffrey Janata, PhD</i>
<b>5:00 - 5:45 p.m. Post Test</b>		
<b>5:45</b> to 6:45	<b>Review of Questions</b> <i>Mark Boswell, MD, PhD, James Giordono, PhD, Kirke Bieneman, MD, Jeremy Goodwin, MD</i>	<b>Review of Questions</b> <i>Rinoo Shah, MD, Jeffrey Janata, PhD, Laxmaiah Manchikanti, MD, Howard Smith, MD</i>

## Day 3 - Monday, August 8, 2005

	Section I	Section II
<b>6:30 - 7:30 a.m. Continental Breakfast &amp; Pretest</b>		
<b>7:30</b>	Controlled Substance Abuse & Documentation <i>Laxmaiah Manchikanti, MD</i>	Anatomy of Extremities <i>Miles Day, MD</i>
<b>8:15</b>	Electrostimulation & Implantables - <i>Claudio Feler, MD</i>	Practical Neurology - <i>Jeremy Goodwin, MD</i>
<b>9:00</b>	Anatomy of Extremities - <i>Miles Day, MD</i>	Anatomy of Head, Neck & Thorax - <i>Rinoo Shah, MD</i>
<b>9:45 - 10:00 a.m. Coffee Break</b>		
<b>10:00</b>	Central Nerve Blocks - <i>Rinoo Shah, MD</i>	Sympathetic & Neurolytic Blocks - <i>Miles Day, MD</i>
<b>10:45</b>	Practical Neurology - <i>Jeremy Goodwin, MD</i>	Electrostimulation & Implantables - <i>Claudio Feler, MD</i>
<b>11:30 - 1:00 p.m. Lunch on Your Own</b>		
<b>1:00</b>	Rehabilitation Techniques - <i>Rinoo Shah, MD</i>	Neurosurgical Techniques - <i>Claudio Feler, MD</i>
<b>1:45</b>	Spinal Pain - <i>Mark Boswell, MD, PhD</i>	Controlled Substance Abuse & Documentation <i>Laxmaiah Manchikanti, MD</i>
<b>2:30 - 2:45 p.m. Coffee Break</b>		
<b>2:45</b>	Neurosurgical Techniques - <i>Claudio Feler, MD</i>	Autonomic & Neuropathic Pain - <i>Rinoo Shah, MD</i>
<b>3:30</b>	Headache & Facial Pain <i>Jeremy Goodwin, MD</i>	Rehabilitation & Impairment Evaluation <i>Laxmaiah Manchikanti, MD</i>
<b>4:15</b>	Sympathetic & Neurolytic Blocks - <i>Miles Day, MD</i>	Central Nerve Blocks - <i>Rinoo Shah, MD</i>
<b>5:00 - 5:45 p.m. Post Test</b>		
<b>5:45</b> to 6:45	<b>Review of Questions</b> <i>Rinoo Shah, MD, Laxmaiah Manchikanti, MD, Claudio Feler, MD</i>	<b>Review of Questions</b> <i>Miles Day, MD, Jeremy Goodwin, MD, Mark Boswell, MD, PhD</i>

## Day 4 - Tuesday, August 9, 2005

	Section I	Section II
<b>6:30 – 7:30 a.m. Continental Breakfast &amp; Pretest</b>		
<b>7:30</b>	Autonomic & Neuropathic Pain - <i>Rinoo Shah, MD</i>	Headache & Facial Pain - <i>Jeremy Goodwin, MD</i>
<b>8:15</b>	Rehabilitation & Impairment Evaluation <i>Laxmaiah Manchikanti, MD</i>	Spinal Pain <i>Mark Boswell, MD, PhD</i>
<b>9:00</b>	Thoracic, Abdominal & Pelvic Pain <i>Miles Day, MD</i>	Pain of Malignancy, Rheumatic & Medical Disorders <i>Rinoo Shah, MD</i>
<b>9:45 – 10:00 a.m. Coffee Break</b>		
<b>10:00</b>	Pain of Malignancy, Rheumatic & Medical Disorder <i>Rinoo Shah, MD</i>	Thoracic, Abdominal & Pelvic Pain <i>Miles Day, MD</i>
<b>10:45</b>	Central Pain States - <i>Mark Boswell, MD, PhD</i>	Compliance, Fraud & Abuse - <i>Laxmaiah Manchikanti, MD</i>
<b>11:30 – 1:00 p.m. Lunch on Your Own</b>		
<b>1:00</b>	Pain Management in Critically Ill Patients <i>Miles Day, MD</i>	Central Pain States <i>Mark Boswell, MD, PhD</i>
<b>1:45</b>	Occupational, Traumatic & Post-Surgical Pain <i>Rinoo Shah, MD</i>	Pediatric Pain Management <i>Jeremy Goodwin, MD</i>
<b>2:30 – 2:45 p.m. Coffee Break</b>		
<b>2:45</b>	Pain Management in Pregnant & Nursing Patients <i>Mark Boswell, MD, PhD</i>	Occupational, Traumatic & Post-Surgical Pain <i>Rinoo Shah, MD</i>
<b>3:30</b>	Ethics – Consent, Confidentiality, Malingering & Release of Information - <i>Matt Weinberg, MB</i>	Pain Management in Critically Ill Patients <i>Miles Day, MD</i>
<b>4:15 – 5:00 p.m. Post Test</b>		
<b>5:00</b> to 6:00	<b>Review of Questions</b> <i>Laxmaiah Manchikanti, MD,</i> <i>Matt Weinberg, MB, Rinoo Shah, MD</i>	<b>Review of Questions</b> <i>Mark Boswell, MD, PhD, Miles Day, MD,</i> <i>Jeremy Goodwin, MD</i>

## Day 5 - Wednesday, August 10, 2005

	Section I	Section II
<b>6:30 – 8:30 a.m. Continental Breakfast &amp; Post Test for Board</b>		
<b>8:30</b>	Compliance, Fraud & Abuse <i>Laxmaiah Manchikanti, MD</i>	Ethics – Consent, Confidentiality, Malingering & Release of Information - <i>Matt Weinberg, MB</i>
<b>9:15</b>	Geriatric Pain Management <i>Miles Day, MD</i>	Pain Management in Pregnant & Nursing Patients <i>Mark Boswell, MD, PhD</i>
<b>10:00 – 10:15 a.m. Coffee Break</b>		
<b>10:15</b>	Documentation & Quality Assurance <i>Laxmaiah Manchikanti, MD</i>	Ethics – Critically Ill Patient, Euthanasia, etc. <i>Matt Weinberg, MB</i>
<b>11:00</b>	Pediatric Pain Management - <i>Jeremy Goodwin, MD</i>	Geriatric Pain Management - <i>Miles Day, MD</i>
<b>11:45</b>	Ethics – Critically Ill Patient, Euthanasia, etc. <i>Matt Weinberg, MB</i>	Documentation & Quality Assurance <i>Laxmaiah Manchikanti, MD</i>
<b>12:30 – 1:30 p.m. Lunch on Your Own</b>		
<b>1:30</b>	<b>Review of Questions</b> <i>Hans C. Hansen, MD, Mark V. Boswell, MD,</i> <i>Laxmaiah Manchikanti, MD, Matt Weinberg, MB</i>	<b>Review of Questions</b> <i>Miles Day, MD, David Schultz, MD,</i> <i>Andrea Trescot, MD, Rinoo Shah, MD</i>
<b>3:00 p.m. Adjourment &amp; Evaluation</b>		

## HOTEL INFORMATION

Chase Park Plaza  
212 N. Kingshighway Blvd.  
St. Louis, Missouri 63108  
Phone (877) 587-2427  
or (314) 633-3000  
[www.chaseparkplaza.com](http://www.chaseparkplaza.com)

Inform the agent that you are booking for:  
American Society of Interventional Pain Physicians

ASIPP has secured a group room rate of \$165.00 for one bedroom or \$275.00 for two bedrooms. Register early as unbooked rooms will be released on July 5, 2005.

### Driving Directions

#### From the Lambert International Airport:

Upon exiting the airport, take I-70 East to 170 South for approximately 9 miles. Exit to Highway 64/40 East. Exit Kingshighway North and proceed to Lindell. Immediately after you cross over Lindell, make a right into our main entrance at 212 N. Kingshighway.

#### From Points South or North (Interstate 270):

Follow Interstate 270 to Highway 64/40 East. Exit Kingshighway North and proceed to Lindell. Immediately after you cross over Lindell, make a right into our main entrance at 212 N. Kingshighway.

## Other ASIPP '05 Events

- |                        |  |
|------------------------|--|
| <b>April 1-3</b>       | <b>7<sup>th</sup> Annual Spring Meeting</b><br>New Orleans, LA   |
| <b>May 14-15</b>       | <b>Comprehensive Interventional Cadaver Workshop</b><br><i>Basic/Intermediate/Advanced - Cervical, Thoracic, Lumbar</i><br>Memphis, TN |
| <b>July 9-10</b>       | <b>Comprehensive Interventional Cadaver Workshop</b><br><i>Basic/Intermediate/Advanced - Cervical, Thoracic, Lumbar</i><br>Memphis, TN |
| <b>September 10-14</b> | <b>Legislative Session and Review Course</b><br>Washington, DC   |
| <b>October 15-16</b>   | <b>Comprehensive Interventional Cadaver Workshop</b><br><i>Basic/Intermediate/Advanced - Cervical, Thoracic, Lumbar</i><br>Memphis, TN |
| <b>December 3-4</b>    | <b>Comprehensive Interventional Cadaver Workshop</b><br><i>Basic/Intermediate/Advanced - Cervical, Thoracic, Lumbar</i><br>Memphis, TN |

visit [www.asipp.org](http://www.asipp.org) for more information

# REGISTRATION INFORMATION

3<sup>rd</sup> Comprehensive Pain Medicine Board Review Course  
August 6-10, 2005

Registration fees include all sessions, 5 continental breakfasts, 9 coffee breaks, syllabus, questionnaires, answer sheets, and results. Registration will be accepted on a first come, first serve basis.

Organizers reserve the right to alter the schedule based on the number of attendees and speakers, etc.

**Registration Fee**  
Register Early and Save \$250.00

**\$1,250.00**  
on/before May 31, 2005

**\$1,500.00**  
after May 31, 2005

Please print exactly as you wish your name to appear

Name \_\_\_\_\_  
(First) (Middle Initial) (Last)

Organization \_\_\_\_\_

Address \_\_\_\_\_

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Phone \_\_\_\_\_ Fax \_\_\_\_\_

E-mail \_\_\_\_\_

Payment Method (Please check one)

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Card or Check #

Exp. Date

Cardholder's Name

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Signature

register online at

[www.asipp.org](http://www.asipp.org)

## CANCELLATION POLICY FOR BOARD REVIEW:

Cancellations must be submitted in writing and received by June 30, 2005; however, an administrative fee of \$100 will be assessed. Cancellations after June 30, 2005, will forfeit 50% of their registration fee. No cancellations accepted after July 6, 2005. Refunds will be sent after the conclusion of the meeting. Organizers reserve the right to cancel this meeting and will assume no financial obligation to the registrants for cancellation. Registration fees will be refunded. However, costs incurred by the registrant (i.e., airline fees, hotel fees, or penalties) are the responsibility of registrant. For your convenience and faster registration, register online at: [www.asipp.org](http://www.asipp.org).

RETURN COMPLETED FORM TO:

**ASIPP**  
**81 Lakeview Drive**  
**Paducah, KY 42001**

or Fax to (270) 554-5394



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