

THE FACULTY

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Jennifer Burbank. Mothers Against Misuse and Abuse, Mosier, OR

Al Byrne, Lcdr, USN, (ret.)*. Co-founder and Secretary-Treasurer, Patients Out of Time, Howardsville, VA

Martin Chilcutt, PhD. Founder, Veterans for Medical Marijuana Access, Kalamazoo, MI

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Nathaniel Lepp, MPH*. Founder, Rhode Island Patient Advocacy Coalition, Providence, RI

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Rhonda O'Donnell. Rhode Island Cannabis Patient, Rockville, RI

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*Planning Committee

Patients Out of Time
1472 Fish Pond Road
Howardsville, VA 24562

The Sixth National Clinical Conference on Cannabis Therapeutics

SPONSORED BY

Patients Out of Time

University of California

San Francisco School of Medicine

IN ASSOCIATION WITH

Rhode Island State Nurses Association

Rhode Island

Patient Advocacy Coalition

&

American Academy of Cannabinoid Medicine

American Alliance for Medical Cannabis

Coalition for Medical Marijuana- NJ

Mothers Against Misuse and Abuse

Pennsylvanians for Medical Marijuana

Massachusetts Cannabis

Action Network

Vancouver Island Compassion Society

Financial contributions from Mr. John Gilmore have made this conference possible. There are no paid staff with Patients Out of Time. All work is done by volunteers.

Cannabis: The Medicine Plant

APRIL 15-17, 2010

Crowne Plaza Hotel • Warwick, Rhode Island

The purpose of this conference series is to educate health care professionals and the US public about therapeutic cannabis. In calendar year 2000 **Patients Out of Time** began a long-term series on biennial conferences and this is the sixth in the series and the 10th anniversary of this series. The need for this education is universal to all US states. There has been no formal education concerning therapeutic cannabis applications since the late 1930s. To fill this void, Patients Out of Time has identified the current world-wide cannabis research being conducted and invited the scientists and physicians involved to present their findings at a public, accredited, forum of peers. Leading health care organizations in the US, such as the *American Public Health Association*, the *American Nurses Association*, the *American College of Physicians*, and, finally, the *American Medical Association* have called for more research on medicinal cannabis and the education of their members based on evidence-based practice regarding therapeutic cannabis. Patients Out of Time is proud and honored to be the provider of such education in the US.

EDUCATIONAL OBJECTIVES

At the conclusion of this educational activity, participants should be able to:

- ▶ List and describe at least 3 cannabis-based preparations currently developed other than inhalation of cannabis-based smoke
- ▶ Name and describe the effects of at least three constituents of cannabis in addition to THC.
- ▶ Identify at least 3 locations of cannabinoid receptors in the human body
- ▶ Explain at least 3 functions of the endocannabinoid system
- ▶ Discuss potential risks of impairment related to cannabis use
- ▶ Describe the basis for use of cannabis in the treatment of chronic pain
- ▶ Briefly define your state's current legal status on the therapeutic use of cannabis.



Patients Out of Time

Agenda

THURSDAY, APRIL 15

7 pm Reception and Registration

FRIDAY, APRIL 16

7:30 Registration and Continental Breakfast
 8:00 Welcome/Opening Remarks • *Al Byrne* (Patients Out of Time), *Donald Abrams, MD* (UCSF), *Jesse Stout, BA*, *Donna Policastro, RN* (RISNA)
 8:30 Cannabis: Opening New Vistas in Both Therapy and Chemical Biology • *Raphael Mechoulam, PhD*
 9:10 A Molecular View of the Synergistic Shotgun *John McPartland, DO*
 9:35 Endogenous Cannabinoid System Review *Robert Melamede, PhD*
 10:00 Break
 10:20 Cannabinoids and the Neurobiology of Reward, Habit Formation and Addiction • *Gregory Gerdeman, PhD*
 10:45 Endocannabinoid System & Neuropathic Pain *Andrea Hohmann, PhD*
 11:10 The Endogenous Cannabinoid System and Reproductive Pain • *Heather Bradshaw, PhD*
 11:35 Safety of Medical Cannabis Use *Mark Ware, MD, MSc, MRCP*
 12:00 Lunch • First Look: An Analytical Window into California's Medical Cannabis Supply • *Steve DeAngelo*
 1:30 Growing Cannabis for Medicine • *Ed Glick*
 1:50 Chasing the Rainbow—Medical Cannabis and the Struggle to Break the NIDA Monopoly • *Lyle Craker, PhD*
 2:10 American Alliance of Cannabis Medicine *David Bearman, MD*
 2:30 Break
 2:50 It Can't Hurt to Ask: A Patient Survey of Canadian Medical Cannabis Users • *Philippe Lucas*
 3:10 Oral Preparations of Cannabis • *Jennifer Burbank*
 3:30 State Programs and Supplying Patients with Medicinal Cannabis • *Charles Alexandre, RN & Todd Handel, MD* (RI) • *Steven Jenison, MD & Bryan Krumm, RN, CNP* (NM)
 4:10 Geographic Snapshots of Medical Cannabis Access in Washington State • *Sunil Aggarwal, PhD*
 4:30 End of day

FRIDAY, APRIL 16

6:00 **Benefit Dinner** • Presentation by *Dr. Andrew Weil*
 Silent and Live Auction • Reggae Music by *Soul Shot*
 Live Comedy
 15th Anniversary of Patients Out of Time
 7:00 *Andrew Weil, MD* • Live Video Lecture—
 Alternative Medicine

SATURDAY, APRIL 17

7:30 Registration
 8:00 Welcome • *Al Byrne* (Patients Out of Time) & *Melanie Dreher, RN, PhD*
 8:20 Head Trauma, Osteoporosis and Alzheimer's Disease—
 An Unexpected Trio • *Raphael Mechoulam, PhD*
 9:00 Cannabinoids and Adverse Memories in Animals:
 Novel Perspectives in the Treatment of PTS(d)
Reinaldo Takahashi, PhD
 9:30 Cannabis in the Treatment of Eye Movement Disorders,
 Congenital and Pendular Nystagmus • *Denis Petro, MD*
 10:00 Break
 10:20 Cognitive and Psychomotor Effects of Cannabis
Richard Musty, PhD
 10:50 Veterans and Pain, PTS(d) Syndrome, Traumatic Brain
 Injuries • *Michael Krawitz and Martin Chilcott*
 11:20 Cannabidiol for the Treatment of Neuropsychiatric
 Disorders: Past, Present and Future
José Crippa, MD, PhD
 12:00 Lunch
 1:30 Cannabis for Muscle Spasms and MS • *Jay Rostow* (VA)
 & *Rhonda O'Donnell* (RI)
 2:00 Cannabinoid: Opioid Interactions • *Donald Abrams, MD*
 2:30 Variability in Marijuana's Acute Effects: The Role of
 Expectancies, Pharmacology and Genetics
Jane Metrick, PhD
 3:00 Break
 3:20 Harm Reduction and Cannabis
Mary Lynn Mathre, RN, MSN
 3:45 Q & A—Faculty in Attendance
Mary Lynn Mathre, RN, MSN, Moderator
 4:30 End of Conference

THE SIXTH NATIONAL CLINICAL CONFERENCE ON CANNABIS THERAPEUTICS Cannabis: The Medicine Plant (Course #MMJ10016)

April 16 & 17, 2010 • Crowne Plaza Hotel at the Crossings • Providence-Warwick, RI

REGISTRATION FORM

Name _____
 Academic Degree/Title _____
 Organization/Institution/Company _____
 Address _____
 City _____
 State _____ Zip _____
 Telephone _____
 Fax _____
 E-mail _____

Do you have any dietary restrictions or special needs because of a handicap or disability? If so, please describe:

Vegetarian

Enclosed is my completed form and check made payable to **Patients Out of Time.**

Charge to my credit card account:

MasterCard Visa

Account Number _____

Exp. Date _____

Signature _____

Return form and payment by mail or fax to
 Patients Out of Time
 1472 Fish Pond Road • Howardsville, VA 24562
 434-263-4484 • Fax: 434-263-6753

Registration form and payment also may be made online at www.medicalcannabis.com.

***Advance conference registration is advised since seating shall be limited.**

A \$50 late fee will be added to the above categories after April 1, 2010. Refunds, less a \$50 handling fee, will not be made after April 5, 2010.

Conference registration includes conference materials, refreshment breaks and buffet lunch.

Handicapped parking and facilities are provided. Pets are welcome.

Conference registration and payment may also be made online at www.medicalcannabis.com.

Room reservations for the Crowne Plaza must be made by contacting the hotel directly.

CONFERENCE FEES

| | | |
|--------------------------------------------------------|-----------|----------|
| Physicians | \$395 | \$ _____ |
| Nurses, Health Care Professionals, other professionals | \$295 | \$ _____ |
| Students, patients, public at large | \$195 | \$ _____ |
| Late registration fee (After April 1, 2010) | \$50 | \$ _____ |
| Patients Out of Time Benefit Dinner, Friday evening | \$80 | \$ _____ |
| _____ Additional Dinner Guest(s) x | \$80 | \$ _____ |
| Exhibitor Registration | | |
| Commercial | \$300-800 | \$ _____ |
| Non-profit | \$0-300 | \$ _____ |
| TOTAL ENCLOSED: | | \$ _____ |

ACCREDITATION, DISCLOSURES AND GENERAL INFORMATION

Accreditation Statement: This activity has been planned and implemented in accordance with the essential areas and policies for the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the University of California, San Francisco School of Medicine (UCSF) and Patients Out of Time. UCSF is accredited by the AACME to provide continuing medical education for physicians.

Designation Statement: UCSF designates this educational activity for a maximum of 12.75 AMA PRA category 1 credits (TM).

Physicians should only claim credit commensurate with the extent of their participation in the activity. The approved credits include 2 credits toward meeting the requirement under California Assembly Bill 487, Pain Management and End-of-Life Care. Fees for CME credits will be \$25.00 per person and collected on site. Nursing contact hours have been applied for through the Rhode Island State Nurses Association and are pending approval.

Advance conference registration is advised since seating shall be limited. Full conference registration

fees include conference syllabus, refreshment breaks and lunch buffets.

Disclosure: The educational content of the conference and the selection of the faculty are the responsibility of the course planning committee. All faculty and invited speakers participating in a UCSF sponsored CME activity have disclosed any relevant financial relationships with commercial support entities. All potential conflicts of interest have been resolved in accordance with the ACCME's Updated Standards for Commercial Support.



Lodging: Attendees are responsible for making their own lodging arrangements. The conference will be held at the Crowne Plaza Hotel at the Crossings, Providence-Warwick Rhode Island. The Crowne Plaza Hotel is located in a suburban setting on 88 acres of land minutes south of downtown Providence and 2 miles from Providence T.F. Green Airport. The hotel offers 266 oversized guest rooms with complimentary high-speed internet service in guest rooms and public areas. Use the code word "OUT" when making reservations to identify you as a conference attendee.

Hotel contact information: Address—801 Greenwich Ave., Warwick, RI 02886. Telephone—(401) 732-6000, Fax—(401) 732-0261. Website—www.crowneplaza.com.

General email—stay@providenceri.crowneplaza.com

Travel: Airport transportation—Providence T.F. Green Airport—2 miles—Complimentary Airport Shuttle. Also, Logan Airport in Boston is about an hour and 15 minutes from the hotel for those who want a direct flight and rent a vehicle. By motor vehicle—Exit 12 off I-95 just south of Providence.