## DAVID L. NATHAN, MD, DFAPA

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## PLACE OF BIRTH

Philadelphia, Pennsylvania

## **EDUCATION**

M.D., University of Pennsylvania School of Medicine, Philadelphia, PA
A.B. in biology, *magna cum laude*, Princeton University, Princeton, NJ

### POSTGRADUATE TRAINING

1994-1998 Resident, Psychiatry, McLean Hospital, Harvard Medical School, Belmont, MA

## **ACADEMIC APPOINTMENTS**

2010-	Clinical Associate Professor, Department of Psychiatry, Rutgers Robert Wood Johnson
	Medical School (RWJMS), Piscataway, NJ
2000-2010	Clinical Assistant Professor, Department of Psychiatry, RWJMS, Piscataway, NJ
2000-	Community Fellow, Mathey College, Princeton University, Princeton, NJ
1999-2000	Clinical Instructor, Department of Psychiatry, RWJMS, Piscataway, NJ
1994-1998	Clinical Fellow, Psychiatry, Harvard Medical School, Boston, MA

## HOSPITAL APPOINTMENTS

2008-	Chairman, Continuing Medical Education Committee, Penn Medicine Princeton Health (PMPH, formerly Princeton HealthCare System [PHCS]), Princeton, NJ
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2000-	Active/Attending Staff, PMPH (formerly PHCS), Princeton, NJ
1998-2000	Associate Staff, Princeton HealthCare System, Princeton, NJ
1998-1999	Courtesy Attending Staff, Carrier Foundation, Belle Mead, NJ

## **EMPLOYMENT HISTORY**

2018-	Chief Medical Advisor, 4Front Ventures. Provide information and guidance on evidence-based cannabis science and medicine to company leadership and employees at a multistate cannabis cultivator and retailer. Write educational curricula for physicians, patients, staff and the public. Identify and recruit experts in the scientific community.
2016-	Consultant, Princeton Psychiatry and Consulting, LLC, Princeton NJ. Serve as an expert medical consultant on cannabis-related topics for government, businesses, investors, education companies and policy groups. Public speaking for cannabis-related conferences and other events.

2008- Director of Continuing Medical Education, PMPH (formerly PHCS), Princeton, NJ.
Provide all leadership and supervision in connection with the offering, communication and management of educational programs to physicians on the PMPH Medical Staff, while

	meeting all guidelines and standards of the Accreditation Council for Continuing Medical Education and the American Medical Association.
2004-	Director of Professional Education, Department of Psychiatry, PMPH (formerly PHCS), Princeton, NJ. Organize grand rounds and moderate case conferences for psychiatrists, psychologists, nurses and social workers.
1998-	Private Practice Psychiatrist. Princeton, NJ. Provide outpatient psychiatric care to adults in the community, using the modalities of psychotherapy and psychopharmacology.
1998-1999	Consult-Liaison Psychiatrist, The Medical Center at Princeton, Princeton, NJ. Completed all routine psychiatric consultations on medical and surgical floors. Served as liaison to medical and nursing staff.
1998-1999	Evaluating Psychiatrist, Princeton House Behavioral Health, Princeton, NJ. Assessed and monitored patients in the geriatric, substance abuse and general adult partial hospital

## LICENSURE AND CERTIFICATION

programs of Princeton House.

1999-	American Board of Psychiatry and Neurology – Board Certification in Psychiatry
2016-	Pennsylvania Board of Registration in Medicine - full license
1998-	New Jersey State Board of Medical Examiners – full license
1996-1998	Massachusetts Board of Registration in Medicine – full license
1992-1995	United States Medical Licensing Examination – Steps 1, 2 and 3

# AWARDS AND HONORS

2018	Honorary Board of ICANNA: International Institute for Cannabinoids, Slovenia
2012	Distinguished Fellow of the American Psychiatric Association (DFAPA)
2008-present	Patients' Choice Award. Patientschoice.org
2010-present	Compassionate Physician Award. Patientschoice.org
2010	Fellow of the American Psychiatric Association (FAPA)
2007	Odesser Award for Outstanding Contribution to Judaic Numismatics and Exonumia
1990	High honors in biology, Princeton University
1990	Sigma Xi Science Honor Society. Selected by members of Princeton's faculty
1990	Charles M. Cannon Memorial Prize for best thesis presentation, Princeton University Department of Biology

# PROFESSIONAL SOCIETIES AND PATIENT ADVOCACY GROUPS

2015-	Founder and Board President, Doctors for Cannabis Regulation (DFCR)
2014-	Founding Steering Committee Member, New Jersey United for Marijuana Reform
2012-	Distinguished Fellow, American Psychiatric Association (APA)
2010-2012	Fellow, American Psychiatric Association (APA)
2008-	Member, Medical Society of New Jersey (MSNJ)
2003-	Physician Advisor, New Jersey State Chapter of the Depression and Bipolar Support
	Alliance (DBSA-NJ)
1998-	Professional Member, National Alliance for the Mentally III (NAMI)
1994-2010	General Member, APA

1998- *Member*, New Jersey Psychiatric Association (NJPA)

1994-1998 *Member*, Massachusetts Psychiatric Society (MPS)

#### SELF REPORT OF TEACHING

2008-	Director of Continuing Medical Education, Penn Medicine Princeton Health, Princeton, NJ. Provide leadership and supervision in connection with the offering, communication and management of educational programs to physicians on the PHCS Medical Staff, while meeting all guidelines and standards of the Accreditation Council for Continuing Medical
	Education and the American Medical Association.
2004-	Director of Professional Education Department of Psychiatry Penn Medicine Princeton

- 2004- Director of Professional Education, Department of Psychiatry, Penn Medicine Princeton Health. Organize grand rounds and moderate case conferences for psychiatrists, nurses and social workers. Supervise a second monthly grand rounds run by a psychologist.
- 2003-2005 Member, Medical Advisory Board of the Princeton Fitness & Wellness Center
- 2000-2004 Director of Psychiatry Continuing Medical Education, Department of Psychiatry, Medical Center at Princeton. Organized grand rounds for the department of psychiatry and created a case conference for psychiatrists.
- 1999-2008 *Member*, CME Committee, Princeton HealthCare System.
- 2007-2012 *Member*, Ethics Consultation Subcommittee of the Biomedical Ethics Committee, Princeton HealthCare System.
- 1999-2012 *Member*, Biomedical Ethics Committee, Princeton HealthCare System.
- 1998-1999 *Clinical Instructor*, The Medical Center at Princeton, Robert Wood Johnson Medical School. Teaching third and fourth year medical students completing their psychiatry rotations on the Consult-Liaison Service at the Medical Center at Princeton.
- 1997-1998 *Chief Resident*, Bipolar and Psychotic Disorders Program, McLean Hospital. Supervised sixteen second year residents from the MGH/McLean Residency Program. Organized weekly case conferences with visiting consultants on the inpatient unit. Created and organized weekly outpatient clinic for four third year residents, including monthly case conferences.
- 1997-1998 *Preceptor*, Core Clerkship in Psychiatry, Harvard Medical School. Supervised third and fourth year medical students completing their psychiatry rotations at McLean Hospital.
- 1995-1998 *Tutor*, Psychopathology & Introduction to Clinical Psychiatry, Harvard Medical School. Semester-long course for second year medical students to learn about psychiatric interviewing and the mental status examination.
- 1993-1994 *Coordinator*, 1994 Penn Med Ed Software Project, University of Pennsylvania School of Medicine. Conceived and facilitated completion of programs in human development, embryology and endocrine physiology by medical students and faculty.
- 1992-1993 *Founder and coordinator*, 1993 Penn Med Ed Software Project, University of Pennsylvania School of Medicine. Selected and supervised eight medical students to complete five computer programs.
- 1991-1992 Conceived and designed *Histological Anatomy Review Program*; selected and supervised eight medical students' completion of this and *Gross Anatomy Review Program*.
- 1992 *Exhibitor*, Symposium: *Computers in Health Care Education*, Health Sciences Library Consortium & Thomas Jefferson University, Philadelphia, PA.
- 1992 *Exhibitor*, Symposium: *Computers in Medical Education*, University of Pennsylvania, Philadelphia, PA.

1991 Conceived, designed and illustrated *Gross Anatomy Review Program*, an animated computer dissection and tutorial.

## SELECTED PUBLICATIONS

### Journal Articles:

- Nathan, D.L., Oepen, G., Havens, L. and McClung, E.D. "Two Views of a Delusion." *Harvard Rev Psychiatry* 1998; 6: 97-104.
- Nathan, D.L. "A 'New' Proto-Cuneiform Tablet." *Cuneiform Digital Library Bulletin* 2003:4. March 2003.
- Nathan, D.L. Review of *The Midnight Disease*. *American Journal of Psychiatry*. October 2004; 161: 1937-1938.
- Nathan, D.L. "A Hebrew Letter on the New World's First Coins?" The Shekel. January-February 2006.
- Nathan, D.L. and Crafton, D. "The Making and Remaking of *Gertie.*" *Animation* 8:1. March 2013. pp. 23-46.
- Nathan, D.L. "That summer evening, long ago, a-sitting on a gate." *The Knight Letter*. January 2014. pp. 23-26.
- Nathan, D.L., Elders, J., Clark, H.W. "The Physicians' Case for Marijuana Legalization." *American Journal of Public Health* 107:11. November 2017. pp. 1746-1747.

## News/Magazine Articles and Interviews:

- "Find ways to work through those holiday or winter blues." *Princeton Packet*. December 18, 1998. p. 23A.
- "Depression Guide: You're Not Alone." Barron's. September 3, 2001. pp. 34-35.
- "Try to remember the kind of September..." Princeton Packet. September 21, 2001.
- "Shedding Light -- And Darkness." Barron's. March 4, 2002.
- "Trouble at the Office." Barron's. September 4, 2006. p. 36.
- "This is Your Brain on Money." Barron's. September 3, 2007. p. 40.
- "A Doctor's Case for Legal Pot." Wall Street Journal. January 15, 2010. p. 21.
- "Matter Over Mind: Psychiatrists and their Pills." Barron's. July 5, 2010. p. 33.
- "Is It High Time? Fresh looks at marijuana." Barron's. March 7, 2011. pp. 30-31.
- "Why Marijuana Should Be Legal for Adults." CNN.com. January 9, 2013. Featured Op-Ed.
- "Calls to Legalize Pot Are Gaining America's Support." CNN.com. January 16, 2013. Featured Op-Ed.
- "How to Regulate Pot When It's Legal." CNN.com. August 26, 2013. Featured Op-Ed.
- "Fighting Marijuana... Or Reality?" CNN.com. September 11, 2013. Featured Op-Ed.
- "Where It All Began: Research sparks quest to find Princeton's Unknown Player." Princeton Alumni Weekly. October 22, 2014. p. 15.
- Numerous articles and interviews since 2015 on cannabis legalization and regulation in a variety of media outlets, including CNN, The New York Times, ESPN, Washington Post, Denver Post, San Francisco Chronicle, Las Vegas Review-Journal, Providence Journal, Huffington Post, MedPage Today, MD Magazine, Leafly, The Cannabist, NBC 4 New York, NBC 3 Las Vegas, CBS 3 Philadelphia, Fox 29 Philadelphia, NJTV News, WKXW 101.5 FM Trenton, KFNX 1100 AM Phoenix, WIP 1210 AM Philadelphia and other outlets.

### Books and Other Monographs:

- Web Repair in Several Species of Orb Weaving Spiders [Senior Thesis]. Princeton, NJ: Princeton University, 1990. 67 pp.
- The Book of Nathan: Memoirs of a Nineteenth Century Romanian Immigrant. Princeton, NJ, 2006. 128 pp.

## Medical Education Software:

- Creator, Designer and Illustrator, *Gross Anatomy Review Program*, a computerized dissection, atlas, review, and self-test, 1991-3.
- Creator and Designer, *Histological Anatomy Review Program*, a computerized atlas, review, and self-test, 1992-3.
- Creator, Designer and Animator, *Basic Embryology Review Program*, an animated atlas and review of prenatal development, 1994.
- Creator and Designer, *Human Development Along a Continuum*, a review of human psychological and physiological development along a continuum, 1994.
- Creator and Designer, *Advanced Teaching Tool for Introductory Endocrinology*, a review of endocrinological physiology, pathology, and pathophysiology, 1994.

### Other Publications:

Graphics Editor, American Journal of Ethics and Medicine, 1990-1991.

Theme Editor, Scope, the University of Pennsylvania School of Medicine's Annual, 1994.

Editor, Poor David's Almanac for the Year 2006, application for the Palm OS, December 2005.

Editor, Poor David's Almanac for the Year 2007, application for the Palm OS, December 2006.

Editor, Poor David's Almanac for the Year 2008, application for the Palm OS, December 2007.

## SELECTED PRESENTATIONS

### Lectures and Seminars:

- "Management of Psychosis." Lecture to residents, Robert Wood Johnson Medical School, December 17, 1998.
- "Update on Antidepressants." Grand Rounds, Department of Medicine, Medical Center at Princeton, February 2, 1999.
- "Two Views of a Delusion." Paper Presentation, I Department of Psychiatry, Medical University of Warsaw, Poland, July 6, 1999.
- "Management of the Paranoid Patient." Lecture to residents, Robert Wood Johnson Medical School, October 14, 1999.
- "Psychiatric Emergencies." Lecture to residents, Medical Center at Princeton, August 25, 1999/July 25, 2001.
- "Acute Psychosis." Lecture to residents, Medical Center at Princeton, Several years since July 12, 2000.
- "Trauma and Psychiatry after September 11<sup>th</sup>." Lecture to faculty fellows at Princeton University, November 28, 2001.
- "Ask the Doctor." Seminars with members of DBSA New Jersey, about annually since 2003.
- "Alcoholism." Lecture to residents, Medical Center at Princeton, February 5, 2003.
- "Origins of Animation." Lecture to faculty fellows at Princeton University, February 25, 2003.

- "Depression in Adults." Grand Rounds, Department of Medicine, University Medical Center at Princeton, June 15, 2004.
- "Introduction to Psychiatry." Lecture to public at Princeton Fitness and Wellness Center, November 15, 2004.
- "Meteorites: Science or Cosmic Vandalism?" Lecture to faculty fellows at Princeton University, February 9, 2005.
- "A Psychiatrist's Perspective on Depression." Lecture at symposium *Mental Illness as a Spiritual Journey*. Princeton Theological Seminary, April 18, 2006.
- "America's History in Coins." Lecture to faculty fellows at Princeton University, October 17, 2006.
- "Art and Science of Psychiatric Diagnosis."
  - 1. Grand Rounds, Department of Psychiatry, UMDNJ Camden, October 30, 2007.
  - 2. Lecture to Princeton Independent Consultants at Nassau Club, October 20, 2008.
  - 3. Grand Rounds, Department of Psychiatry, Princeton House, January 14, 2009.
  - 4. Lecture to faculty fellows at Princeton University, April 22, 2009.
  - 5. Keynote Address at DBSA NJ Annual Conference, May 8, 2010.
  - 6. Grand Rounds, Department of Medicine, University Medical Center at Princeton, December 14, 2010.
- "Cannabis." Lecture to faculty fellows at Princeton University, November 17, 2010.
- "New Directions New Jersey: A Public Safety and Health Approach to Drug Policy." Panel Discussion for Drug Policy Alliance, March 19, 2011.
- "2011 Update on Psychiatric Medications." Lecture to lay public at NAMI Mercer Harvest of Hope Conference, October 1, 2011.
- "2011 Update on Psychotropics." Grand Rounds, Department of Medicine, University Medical Center at Princeton, February 21, 2012.
- "2012 Update on Psychiatric Medications." Lecture to lay public at NAMI Mercer Harvest of Hope Conference, October 6, 2012.
- "Ethics, Medicine, and Mental Health Treatment." Lecture, Princeton Theological Seminary, October 8, 2012.
- "Bill to Tax and Regulate Marijuana Like Alcohol." Press Conference, Pennsylvania State Capitol, February 11, 2013.
- "Marijuana and Legalization: What Clinicians Need to Know." Grand Rounds, Department of Psychiatry, Princeton House, April 8, 2013.
- "2013 Update on Psychiatric Medications." Lecture to lay public at NAMI Mercer Harvest of Hope Conference, October 5, 2013.
- "Marijuana and Legalization: What Clinicians Need to Know." Grand Rounds at McCosh Infirmary, Princeton University. November 5, 2013.
- "So You're Thinking about Medical School." Lecture to Princeton University pre-meds. November 6, 2013.
- "Stressed or Sick: Distinguishing Psychiatric Disorders from Everyday Problems." Lecture to faculty fellows at Princeton University, November 20, 2013.
- "A Doctor's Perspective on Marijuana Legalization." Lecture at Windrows, Princeton NJ, March 5, 2014.
- "Schizophrenia." Lecture to NAMI Mercer, April 15, 2014.
- "Medications for Anxiety and Depression." Lecture to staff at Longyearbyen Sykehuset, Longyearbyen, Svalbard, August 21, 2014.

Numerous lectures and seminars since 2015 on cannabis legalization and regulation in a variety of settings, including the International Drug Policy Reform Conference, Policy Committee of the Medical Society of New Jersey, CannMed 2017 at Harvard Medical School, Princeton University, Rider University symposium on cannabis policy, Rutgers University symposium on cannabis policy, Southwest Cannabis Conference, Cannabis Business Executives Conference and other venues.

### Public Testimony:

- Testimony on marijuana legalization, Senate Judiciary Committee, **New Jersey State Legislature**, Trenton, NJ, November 16, 2015.
- Testimony on An Act Concerning the Regulation and Taxation of the Retail Sale and Cultivation of Marijuana (HB 5314), Public Health Committee, **Connecticut General Assembly**, Hartford, CT, March 7, 2017.
- Testimony on Cannabis Regulation, Control and Taxation Act (H 5555), House Judiciary Committee, State of **Rhode Island General Assembly**, Providence, RI, April 11, 2017.
- Written testimony on the Delaware Marijuana Control Act (HB 110), House Revenue and Finance Committee, **Delaware General Assembly**, May 10, 2017.
- Testimony on Cannabis Legalization Bill (S 2195), **New Jersey State Legislature**, Trenton, NJ, June 19, 2017.
- Testimony on Cannabis Regulation and Taxation Act (SB 316, HB 2353), **Illinois General Assembly**, Chicago, IL, January 22, 2018.
- Testimony on marijuana legalization, Oversight, Reform and Federal Relations Committee, **New Jersey State Legislature**, Trenton, NJ, March 5, 2018.
- Testimony on the reclassification of marijuana, **New Jersey Division of Consumer Affairs**, Trenton, NJ, April 24, 2018.
- Testimony on cannabis legalization, Joint Standing Committees on Codes, Health, Governmental Operations, and Alcoholism and Drug Abuse, **New York State Assembly**, New York, NY, October 16, 2018.
- Testimony on An Act Relating to the Regulation of Cannabis (S 54), Senate Judiciary Committee, **Vermont General Assembly**, January 31, 2019.
- Written Testimony on New Jersey Cannabis Regulatory and Expungement Aid Modernization Act (S 2703 / A 4497), Senate Judiciary Committee and Assembly Judiciary Committee, **New Jersey State Legislature**, Trenton, NJ, March 18, 2019.
- Testimony on marijuana legalization, House Finance Committee, **Pennsylvania General Assembly**, Harrisburg, PA, June 10, 2019.

Date Prepared: July 4, 2019