Symposium in Honor of Brian Serot

March 6, 2013

Organizing Committee,
IU Nuclear Theorists:
Chuck Horowitz
Jinfeng Liao
Tim Londergan
Adam Szczepaniak

Financial support: CEEM
IU Physics Department

Moya Wright, organizer
Serot Symposium: Morning Program

8:30 – 9:00  Tim Londergan
  Introduction and Remarks from Dirk Walecka
9:05 – 9:35  George Walker
  Brian Serot: Scholar, Colleague and Friend
9:45 – 10:15 Chuck Horowitz
  Brian and Relativistic Mean Field Theory

10:20 – 10:40  Coffee, CEEM Main Lounge

10:40 – 11:10  Dick Furnstahl
  QHD: Evolution and Revolution
11:20 – 11:50  Tetsuo Matsui
  Remembering Brian: Passion for Perfection

12:00 – 1:00  Lunch, CEEM Main Lounge
Brief Personal History, Brian Serot

Born Feb. 1, 1955 to Marvin and Betty Serot, in New York City
Moved to Long Island and grew up there
Brief Personal History, Brian Serot

Born Feb. 1, 1955 to Marvin and Betty Serot, in New York City
Moved to Long Island and grew up there
Sister Claudia (Corman)
Undergraduate, Yale
(entered age 16)
Brief Personal History, Brian Serot

Joined Indiana University faculty in 1984
Married to Rose Aleman, 1985
One of first IU Nuclear Theory Center members

Remained on physics faculty until
March 2, 2012
Brian Serot: Academic Career

Yale, BS Physics, 1975  *Summa cum Laude*
Stanford PhD *theoretical physics* 1979

Chaim Weizmann postdoc Fellowship, MIT  1979–80
Ass't Professor, Stanford  1980–83
*Alfred P. Sloan Fellowship*  1982–83
Assoc Professor, Indiana University  1984–87
Professor, Indiana University  1987 --

*M.J. Murdock Fellow, INT Washington*  1991/92
Visiting Professor, Ohio State Univ  1999
Brian Serot: Service in Physics

National Institute for Nuclear Theory:
- review panel for initial proposals (chose U Washington);
- nat'l advisory committee, INT, 3 yrs
- co-organizer INT program on mesons & fields in nuclei

Advisory Committees: IUCF PAC (8 yrs); LAMPF PAC (3 yrs);
Nuclear Science Advisory Committee LRP 1989, 1995

American Physical Society:
- Fellow, APS
- Nucl Phys Division Exec Committee (6 yrs)
- Nat'l nuclear physics summer school steering comm (5 yrs)
- Editorial Board Phys Rev C (3 yrs)
- Outstanding referee, APS (inaugural group)

Organizing committee for international conferences (INPC, CIPANP)
Brian Serot: An Extraordinary Teacher

Physics Department Teaching Award: 1986, 1994, 2002, 2005


Trustees’ Teaching Award: 2003

Brian’s lecture notes were much prized, famously detailed (worth making into textbooks)

Supervised 10 PhD dissertations: a demanding but caring mentor
Brian Serot: An Extraordinary Teacher

Physics Department Teaching Award: 1986, 1994, 2002, 2005


Trustees' Teaching Award 2003

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Brian Serot:

- We have assembled some mementoes of Brian:
  - Teaching (lecture notes)
  - His last book co-edited with Hiroshi & Schun Uechi
  - His hockey jersey from Calhoun College, Yale
  - His “QHD” license plate
  - A hobby, Brian’s “basketball ratings” program

- You are welcome to look at these during the breaks
Remarks from Dirk Walecka
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The Relativistic Nuclear Many-Body Problem,
B.D. Serot and J.D. Walecka,
Advances in Nuclear Physics 16 (1986)
Remarks from Dirk Walecka
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Serot Symposium: Morning Program

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Remembering Brian: Passion for Perfection

12:00 – 1:00  Lunch, CEEM Main Lounge
Serot Symposium: Afternoon Program

1:00 – 1:30  Ray Bishop
  *Brian Serot - His Memealogy*

1:35 – 2:05  Jorge Piekarewicz
  *Brian Serot: Scholar, Colleague & Friend*

2:10 – 2:40  James Napolitano
  *An Experimentalist’s Debt to Brian*

2:45 – 3:15  Hiroshi Uechi
  *Brian’s Effective Chiral Model and Neutron Stars*

4:00 – 5:15  Physics Colloquium,
  Swain West 119
  Tetsuo Matsui: *Exploring Extreme States of Matter*