BIRDSALL BERKELEY STUDENTS

Ph.D. Students

	1960	William B. Bridges Laird Haas Ronald Lundgren Jeff I. Frey Jack A. Byers Tao-Yuan Chang Akira Hasegawa	***Post-docs***	***Milestones***
DOE 1967-93	***1965***	Nathan Lindgren Hideo Okuda Masaaki Watanabe Liu Chen	Bruce Langdon	Birdsall and Bridges (1966)[1] **PTSG Plasma Theory and Simulation Group formed in 1967**
	1970	William M. Nevins Michael J. Gerver	Judith Harte	
ONR 1977-99	***1975***	Jae-Koo Lee Yu-Jiuan Chen Douglas Harned Vincent A. Thomas Niels Otani	Yoshi Matsuda Alex Friedman W. Fawley (short-term)	Birdsall and Kuhn[2] (1979-93) (limited circulation, articles & reports)
	1980	Kwang-Youl Kim William S. Lawson Lou Ann Schwager	Thomas L. Crystal Kim Theilhaber	
	1985	Scott Parker R. Procassini M.V. Alves	W. Lawson (short-term) S. Parker (short-term) G. DiPeso (short-term) Ian Morey	Birdsall and Langdon[3] (McGraw-Hill 1985) 1988 IEEE Plasma Science and Applications Award (Birdsall)
AFOSR 1992-95 AFOSR-MURI 1995-99	***1990***	V. Vahedi	A. Tarditi X. Xu John Verboncoeur Vahid Vahedi Venkatesh Gopinath	Birdsall and Langdon[3] (Adam-Hilger 1991) ***1992 onwards***: John Verboncoeur authors/co-authors PTSG codes[4] and helps guide students. Birdsall and Langdon[3] (IOP 1993)
NSF-DOE 1997-2000	**Tech-X 1998-2000**	***1995*** D. Cooperberg	Peggy Christenson Helen Smith	
	GE 1999-2000 **Tech-X 2001-2** **NSF 2001-2** **AFRL 2002-3**	***2000*** K. Cartwright P. Mardahl E. Kawamura K. Bowers* W. Qiu	Hae June Lee	*Two best thesis prizes in 2001; APS/DPP, EECS Department.
		2005		

[1] *Electron Dynamics of Diode Regions*
[2] *Bounded Plasmas*
[3] *Plasma Physics via Computer Simulation*
[4] XPDx1 (x=p, c, s), XOOPIC, and their XGraphics