CURRICULUM VITAE
Peter Birns Atkins Kindfield

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EDUCATION: Ph.D., Graduate Group in Science and Mathematics Education (SESAME), UC Berkeley, 1996
M.A., Educational Psychology, UC Berkeley, 1982
B.A., Psychology, UC Santa Cruz, 1979

CURRENT POSITION: Co-Founder & Learning Facilitator, Hilltop Education Connections

POSITIONS OVERVIEW (details below):
Principal & Teacher, 2005-2018, The Farm School, Summertown, TN
Summer Program Coordinator, 2005-present, Kids to the Country (KTC), Summertown, TN
Assistant Professor of Education, 2002-2004, City College of New York (CCNY), CUNY
Lead Secondary Science Staff Developer, 1998-2002, Community School District Two, Manhattan, NYC, NY
Assistant Professor of Education, 1996-1998, Brooklyn College School of Education, CUNY

TEACHING AND ADMINISTRATIVE EXPERIENCE:

1/19-present	Learning Facilitator, Hilltop Education Connections, Idyllwild, CA
7/05-present	Summer Program Coordinator, Kids to the Country (KTC), Summertown, TN Coordinate all day-to-day activity including counselors and curriculum
7/05-12/18	Principal & Full-time teacher, The Farm School, Summertown, TN Oversee the running of The Farm School including tasks of previous year and nurturing the transformation of The Farm School into a project-based, democratic community. Teach science and math at all grade levels.
7/05-3/14	Co-Chairperson, National Coalition of Alternative Community Schools Oversee the running of the National Coalition of Alternative Community Schools including facilitating board meetings, organizing conferences and contributing to our newsletter.
8/04-6/05	Education Coordinator & Lead Teacher, The Farm School, Summertown, TN Design and implement education program including project-based curriculum, student assessment and evaluation system and daily/weekly schedules and curriculum maps
9/02-8/04	Assistant Professor of Education, City College of New York (CCNY), CUNY Teach graduate students secondary science teaching methods, science curriculum and. instruction, and human learning and development. Supervised, mentored, and observed student teachers in secondary science classrooms. Co-designed and co-taught courses with science faculty.
7/02	Adjunct Faculty, School of Education, City College of New York (CCNY), CUNY Design/teach science methods for pre-service teachers entering teaching from other professions
9/98-5/02	Lead Secondary Science Staff Developer, Community School District Two, Manhattan Develop and coordinate district-wide program for supporting in-service middle and secondary school teachers' development and implementation of project-based science curriculum and assessment methods consistent with New Standards™ guidelines. Among on-going activities are (1) designing/leading in-service staff development workshops (4/school year on average) for secondary science teachers focusing on standards-based, project-based curriculum development, instruction, and assessment and (2) designing/leading the week-long summer interdisciplinary *Sense-making in the classroom: A project-based approach* workshop for in-service teachers.

1/00-5/02	Adjunct Faculty, School of Education, New York University (NYU), Manhattan Teach/guide action research for in-service science teachers.
7/99-8/00	Curriculum Designer, Expeditionary Learning/Outward Bound (ELOB) New York City Center Create a standards-rich project-based unit entitled *New York City Food Choices* that supports students learning ecology, human physiology, and cellular biology as they investigate the causes and consequences of the food choices made by a variety of different groups of people who live in New York City. This unit will be embedded in a teacher-training course for New York City teachers.
7/99; 5/00-6/00	Course Designer/Instructor, Department of Education, City College of New York (CUNY) Preparation and staffing of *Project-based Science Methods*, serving pre-service minority science majors. The intent of the course is to entice minority science majors into teaching.
6/98-3/00	Curriculum Designer (co-founder, co-chair), Hillsborough Charter School, Hillsborough, NJ Create a project-based educational and assessment program for the Hillsborough Charter School (charter not granted in 2000) built around standards that specify *what* all students should learn, project-based methods that specify *how* the school will support student learning, performance assessments for checking on student achievement of standards, and a standards-based tool used for planning, assessing, and communicating about student achievement of standards.
9/96-8/98	Assistant Professor of Education, Brooklyn College School of Education, CUNY Taught undergraduate and graduate students early childhood, elementary, and secondary science teaching methods and taught graduate students about assessment and educational research. Supervised, mentored, and observed student teachers in early childhood, elementary and secondary science classrooms. Co-designed and co-taught courses with science faculty.
2/96-6/96	Adjunct Instructor of Education, Brooklyn College School of Education, CUNY Supervised, mentored, and observed student teachers in secondary science classrooms and taught several sessions of Secondary Science Student Teaching Seminar and Elementary Science Education Research Seminar.
9/91-6/93	Co-teacher/Research Assistant with Angela Grimes in seventh-grade, project-based, general science class in the Oakland Unified School District, Oakland, CA.
2/91-8/96	Educational Contractor Delivered systems administration training for Sun Microsystems Educational Services. Designed and implemented a self-paced curriculum for an internal database product. Designed and reviewed curriculum for a secure version of UNIX. Co-created an on-line HyperCard tour of the A/UX environment, taught UNIX System Administration, revised Bourne Shell Programming and SUN System Administration courses for LURNIX. Helped develop Solaris System Administration course for Sun.
1988-1991	Education Manager, NeXT Computer Inc., Redwood City, CA Built a centralized Training Department. Recruited 8 teachers, 2 writers, and 2 managers. Managed a yearly budget of $1.5 M. Led cross-functional teams to complete educational needs analyses. Managed and individually contributed to curriculum development and delivery for System Administrators, Sales Engineers, Service Center Technicians, Sales Representatives, End Users, and Developers. Managed the development of a structured graphical *Getting Started* manual. Designed, wrote, and produced an on-line introductory *Guided Tour*. Served as Product Manager for *ShowAndTell* and *Guided Tour* software. Worked cross-functionally with engineering as Product Manager for on-line help system. Provided input to engineering on usability of user and system administration interface and performed usability testing (i.e. observed students and communicated with engineers about interface features that lead to user confusion).
1984-1988	Senior Partner, Lurnix, Berkeley, CA Co-owned and managed a computer training and documentation company. Responsible for hiring and managing a staff of 15. Created company business plan. Established marketing programs and materials creation processes. Managed the creation of a standalone curriculum for Systems Administrators. Wrote over 1000 pages of self-paced tutorial material for System Administrators and Operators. Delivered over 2,000 hours of instruction on using and administering computer systems. Designed and co-developed 8 computer courses. Designed an on-line computer tutor.

4/82-6/84	Associate, Education: Math, Science, & Technology, UCB
	Taught Introduction to Scientific Paper Writing Using Computer Text Processing and Introduction to Computer Data Analysis for Social Science Research and led computer workshops for faculty, staff, and students of the School of Education.
3/79-8/82	Various Teaching Assistantships at UCSC and UCB
	Cognitive Psychology, Cognitive Development, Educational Psychology for Teachers, Educational Statistics, and Classroom Applications of LOGO for Teachers.

RESEARCH EXPERIENCE:

9/97-8/98	Director of an action research project entitled *Evaluating the Intellectual and Social Outcomes of a Pro-Social Project-Based Curriculum on a Third Grade Inner-City Classroom*, School of Education, School of Education, Brooklyn College
9/96-8/98	Co-Director for an evaluation research project entitled *Evaluating the Outcomes of an Interdisciplinary Math, Science, and Education Course for In-Service Secondary Teachers*, with Rosamond Welchman, School of Education, and John Chamberlain, Geology Department, Brooklyn College
9/92-8/96	Dissertation research project entitled *Student Control of Whole-class Discussions in a Community of Designers* under the direction of Drs. Andrea diSessa & Rogers Hall, SESAME, UCB
10/91-6/93	Post-graduate research educator and computer support specialist for Fostering Communities of Learners research project under the direction of Drs. Ann Brown & Joe Campione, EMST, School of Education, UCB: teacher/researcher in seventh-grade general-science class
1/82-12/82	Consultant on Socialization Research Project at San Francisco State University: analyzed data (reliability and factor analysis) and modified tests for large-scale survey project in special education.
	Consultant on Project REACH at San Francisco State University: analyzed data and reported results for a large-scale attitude-change study concerning mainstreaming of special education students
10/79-10/81	Research assistant with Adolescent Reasoning Project under the direction of Dr. Marcia Linn, Lawrence Hall of Science, UCB: designed and implemented a study of logical reasoning in adolescents.
	Research assistant with Adolescent Reasoning Patterns in Mathematics project under the direction of Dr. Robert Karplus, Lawrence Hall of Science, UCB: interviewed and tested middle school students proportional reasoning
9/78-6/79	Undergraduate senior thesis research concerning individual differences in adults cognitive style while doing syllogistic reasoning under the direction of Dr. Bruce Bridgeman, UCSC

HONORS:	Outstanding Graduate Student Instructor Award, UC Berkeley Academic Senate Committee on Teaching, 1982
	Graduated with Highest Honors, UC Santa Cruz, 1979
	Senior Thesis Honors, UC Santa Cruz, 1979

GRANTS:	Evaluating the Intellectual and Social Outcomes of a Pro-Social Project-Based Curriculum on a Third Grade Inner-City Classroom, PCS-CUNY Grant, Brooklyn College, 1998
	Mathematics and Science for Language Minority Students in the New Millennia: A Hands-On Model, PCS-CUNY Grant, Brooklyn College, 1998
	New Frontiers Grant, NSF, 1998
	Academic Computing Grant, Brooklyn College, 1996
	Educational Improvement Grant, UC Berkeley, 1982

PAPERS & PUBLICATIONS:

Kindfield, P. B. A. (in preparation) *Powered by Diversity: Classrooms for the New Millennium.*

Kindfield, P. B. A. (in preparation) *Project-Planner: A Guide for Planning Project-Based Curriculum Units.*

Kindfield, P. B. A. (2004, Jan). *Educational structures and educational reform.* Paper presented at the annual meeting of the American Association of Physics Teachers, Miami.

Kindfield, P. B. A. (2000). A healthier way to look at standards. *The CORE Teacher*, p. 4.

Kindfield, P. B. A. (2000, March). *Where's the content? Standards-rich project-based educational programs.* Paper presented at the Autodesk Foundation's 8th Annual Conference on Project-Based Learning, San Francisco.

Kindfield, P. B. A. (1997, October). *Using issue-based discussion to increase student control of activity during constructivist science lessons.* Paper presented at the annual meeting of the Northeast Regional Division of the American Educators of the Teachers of Science, Syracuse New York.

Kindfield, P. B. A. (1996, April). *Knowledge-sharing discussion in the context of a whole-class design project.* Paper presented at the annual meeting of the American Educational Research Association, New York.

Kindfield, P. B. A. (1996). *Student control of whole-class discussions in a community of designers.* Unpublished doctoral dissertation. University of California, Berkeley.

Kindfield, P. B. A. (1995, April). *Issue-based discussion in a classroom of designers.* Paper presented at the annual meeting of the American Educational Research Association, San Francisco.

UNIX Made Easy (1990). A modular introduction to UNIX features and programs. With Lurnix. Osborne McGraw-Hill, Berkeley, CA.

UNIX Power Utilities for Power Users (1988). An advanced introduction to the more powerful and complex UNIX utilities. With John C. Muster. MIS Press, Portland, OR.

Automating system processes with *at* and *cron* (1988, May). With David Lukas. *UNIX World.*

UNIX for People (1985). An introduction to the UNIX system and text processing on UNIX. With John C. Muster and Patrick B. Brown. Prentice Hall, New York.

Instructional Modules (1982, with John C. Muster) for *Educational psychology: Teaching for student diversity.* UC Berkeley.

Learning Objectives (1982, with John C. Muster) for *A common sense approach to theoretical statistics: A handbook for researchers and investigators.* UC Berkeley.

PROFESSIONAL MEETINGS, WORKSHOPS, & PRESENTATIONS:

June '18	Education Revolution (AERO) conference—Presenter
May '06	National Coalition of Alternative Community Schools (NCACS) Annual Meeting, The Farm, Summertown, TN—Host and Presenter
May '05	National Coalition of Alternative Community Schools (NCACS) Annual Meeting, Chicago—Invited Presenter
May '04	National Coalition of Alternative Community Schools (NCACS) Annual Meeting, The Farm, Summertown, TN—Invited Presenter
Jan '04	American Association of Physics Teachers (AAPT) Annual Meeting, Miami—Invited Presenter
Aug '03	*Models of Science Curriculum and Teaching: Project-Based Learning Models of Science Curriculum and Teaching: Project-Based Learning,* Invited workshop presented at the Institute for Minority Teacher Training and Development: Project-Based Learning in Middle School Science, St. John's University
Mar '00	Autodesk Foundation's 8th Annual Conference on Project-Based Learning, San Francisco—presenter
Mar '99	*Sense-making in the classroom: A project-based approach*, Workshop presented at The First Annual All-Brooklyn Middle Schools Conference, Brooklyn College (CUNY)

Aug '98	Curriculum Planning Institute, Expeditionary Learning Outward Bound, New York, NY—participant
Oct '97	AETS Northeast Regional Annual Meeting (American Educators of the Teachers of Science—NE), Syracuse New York, Presenter
Apr '97	AERA Annual Meeting, New York—Discussant
Apr '96	AERA Annual Meeting, New York—Presenter
Apr '95	AERA Annual Meeting, New York—Presenter