

Curriculum Vitae of David D. Stuart

Education:

- **Ph.D. Physics, December 1992**, University of California at Davis
- **B.S. Physics, June 1986**, Pacific Union College, Angwin, CA

Academic Appointments:

- **7/09 – present**, Professor University of California at Santa Barbara.
- **7/05 – 7/09**, Associate Professor University of California at Santa Barbara.
- **7/01 – 7/05**, Assistant Professor University of California at Santa Barbara.
- **7/01 – 3/02**, Scientist I. Fermilab.
- **10/97 – 7/01**, Wilson Fellowship. Fermilab.
- **2/93 – 10/97**, Research Associate. Fermilab.
- **6/88 – 2/93**, Research Assistant. University of California at Davis.
- **9/86 – 6/88**, Teaching Assistant. University of California at Davis.

Honors and Awards:

- **2004-2006** Department of Energy Outstanding Junior Investigator

Professional Activities:

- **2012-13**: Investigate fast tracking with pixelated scintillating fibers and SiPMs
- **2013**: UC PRG member
- **2011-13**: Search for SUSY in single lepton final state at CMS
- **2011-12**: CMS supersymmetry search group co-convener
- **2009-10**: CMS Leptonic supersymmetry search group co-convener
- **2008-10**: University-wide committee on research policy, UCORP
- **2008**: Search for new particles decaying to Z+jets and multilepton+multiplets at CMS
- **2008**: Background modeling in new physics searches using forward events at LHC
- **2006-2008**: CMS Tracker commissioning
- **2005-2007**: CMS Tracker Outer Barrel construction
- **2008**: Search for heavy particles decaying to ZZ in four electron mode
- **2007**: Search for new particles leading to Z+jets at CDF
- **2006**: CDF Silicon Workshop, UCSB
- **2005-2008**: COT segment seeded silicon tracking for forward muons
- **2004**: Search for new particles in high mass lepton pairs
- **2004**: Measurement of the forward-backward charge asymmetry from W to $e \nu$
- **2003**: Search for long lived charged massive particles at CDF
- **2002**: Measurement of charged jet evolution and the underlying event at CDF
- **2000**: Calorimeter seeded silicon tracking for forward electrons
- **2000-2008**: CDF silicon monitoring
- **1998-2000**: CDF Layer-00 project
- **1997-2000**: CDF Intermediate Silicon Layers project
- **1997-1999**: Convener of CDF's exotic physics group
- **1996**: Chairman, CDF fiber tracker review committee
- **1993-1995**: CDF silicon tracking and b-tagging for top quark discovery
- **1993-1995**: CDF SVX' project
- **1992**: Forward backward charge asymmetry of quark pairs at TRISTAN
- **1991**: Parallel plate avalanche chamber development with G. Charpak