

Samuel L. Perkins  
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### Education

Sept 95-May 02, Texas A& M University, Ph.D in Biochemistry, Graduate School of Biochemistry and Biophysics, College Station, TX

Aug 91-May 95, University of Texas, B.S. Biochemistry, Austin, TX

### Appointments and Experience

Spring 08-present, Lecturer, Chemistry, Sam Houston State University, Huntsville, TX

Fall 05-present, Chemistry/Biology/Molecular Biology Tutor at Tutorjohns, College Station, TX

Jan. 07-08, part-time Chemistry Faculty Blinn College, Bryan, TX

Sept. 02-June 06, Post-Doctoral Research, Texas A&M University Chemistry Department, David Russell's Mass Spectrometry lab, College Station, TX

Jan. 96-May 96, Texas A& M Teaching Assistant, Biochemistry Laboratory, College Station, TX

Aug. 95-Dec. 95, Texas A& M Teaching Assistant, Biochemistry Laboratory, College Station, TX

June 95-Sept 95 Research Assistant, Magnus Hook's lab, Institute of Biosciences and Technology, Houston, TX

June 94-May 95, UT Undergraduate Research Assistant, Marvin Hackert's lab, University of Texas Biochemistry Department, Austin, TX

### Awards

- Burroughs Wellcome Fund Research Travel Grant, Dublin, Ireland, Nov 00
- Charles Morton Share Scholarship UT, Aug. 92-May 95
- National Merit Scholarship UT, Aug 91-May 95
- Texas Exes Merit Scholarship UT, Aug 91-May 92
- National Merit Finalist
- Eagle Scout

## Publications

**Samuel Perkins** and David H. Russell. Analysis of peptides from *Escherichia coli* gel separated proteins by the ABI 4700 TOF/OF. Manuscript in preparation.

Matthew M. Champion, **Samuel Perkins**, Lili Niu, David H. Russell, and James C. Hu. 'Rational proteornics;' directed approaches towards targeting specific protein subsets of *Escherichia coli* K12 using heparin HPLC Chromatography. Manuscript in preparation.

Champion C.S. Deivanayagarn, **Samuel Perkins**, Evelyn Walsh, Timothy J. Foster, Magnus Hook, and Sthanarn V. L. Narayana. The Crystal Structure of the fibrinogen-binding region of the MSCRAMM Clumping factor B (ClIB). Manuscript in preparation.

**Samuel Perkins**, and Walsh, E. J., Deivanayagarn, C. C. Narayana, S. V., Foster, T. J., Hook, M. (2001). Structural organization of the fibrinogen-binding region of the Clumping factor B MSCRAMM of *Staphylococcus aureus*. J Biol Chern, 276, (48), 44721-8.

Stacey L. Davis, Sivashankarappa Gurusiddappa, Kirk McCrea, **Samuel Perkins**, and Magnus Hook (2001). SdrG, a fibrinogen binding bacterial adhesin of the MSCRAMM subfamily from *Staphylococcus epidermidis*, targets the thrombin cleavage site in the chain. J Biol Chern, 276, (30), 27799-805.

Champion C. S. Deivanayagarn, **Samuel Perkins**, Sita Danthuluri, Rick T. Owens, Todd Bice, Tarnanna Nanavathy, Timothy J. Foster, Magnus Hook and Sthanarn V. L. Narayana. (1999) Crystallization of ClfA and ClIB fragments: the fibrinogen-binding surface proteins of *Staphylococcus aureus*. Acta Crystallographica. (55), 554-556.

Deirdre NfEidhin, **Samuel Perkins**, Patrice Francois, Pierre Vaudaux, Magnus Hook, and Timothy Foster (1998). Clumping Factor B (ClIB), a new surface-located fibrinogen-binding adhesin of *Staphylococcus aureus*. Molecular Microbiology. 30(2), 245-257.

## Abstracts

**Samuel L. Perkins**, Matthew M. Champion, James C. Hu, David H. Russell (2004) 'Rational Proteornics;' Directed Approaches Towards Targeting Specific Protein Subsets of *Escherichia coli* K12 using Heparin HPLC Chromatography. American Society for Mass Spectrometry, Nashville, TN.

**Samuel L. Perkins**, Lili Niu, William K. Russell, Neil Sharma, Issa Isaac, Matthew M. Champion, Deborah A. Siegle, James C. Hu, David H. Russell (2006) HPLC Elution Shifts Reflecting Protein-Protein Interactions and Post-Translational Modifications Detected by Mass Spectrometry. American Society for Mass Spectrometry, Seattle, WA.