

**FRANK H. DEIS**  
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**EDUCATIONAL BACKGROUND:** Ph. D. Medicinal Chemistry, Medical College of Virginia (Virginia Commonwealth University) (1975)

- Performed research on inhibitors of norepinephrine. Thesis, "Alpha Adrenergic Blocking Agents Based on Ariens' Dual Receptor Site Theory." Paper based on research: "Inhibition of Norephrine Uptake and Adrenergic Antagonism," Hudgins, P.M., Stubbins, J.F., and Deis, F. H. **Arch. int. Pharmacodyn. Ther.** **187**, 236(1970).

University of Virginia, Chemistry Department, Charlottesville, Virginia (1966-1968)

B.A. Chemistry, Rice University, Houston, Texas (1966).

**PREVIOUS & CURRENT POSITIONS:**

**Biochemistry Dept., Rutgers University, New Brunswick, NJ (1977-pres.)**  
Lecturer (Assistant Professor)

- Taught in several courses offered by the Department of Molecular Biology and Biochemistry. Students have uniformly reviewed the courses well. Comments include statements such as "the best professor I have had at Rutgers." Administered courses, scheduling, and grading. Authored department's Annual Accountability Report. Assisted colleagues and staff with computing problems, purchases, software, etc. Wrote and maintained Department website. Ran laboratory course for non-majors. Acted as advisor for several classes of undergraduate Biochemistry majors.

- For the last several years in the Fall semesters I have coordinated a joint graduate and undergraduate course (115:511 and 694:407, Molecular Biology and Biochemistry) as well as teaching 694:301. In the Spring semesters, I have taught Introductory Biochemistry 694:301, and part of the MBB course (115:512/694:408). I also run four sections of Introductory Biochemistry Laboratory 694:313 each Spring semester. I have participated in events like the Faculty Forum, and have had contact with bright high school students planning to come to Rutgers.

**Center of Alcohol Studies, Rutgers, New Brunswick NJ (1972-1977)**  
Research Assistant

- Published a major review article, "Biochemical Pharmacology of Pyrazoles," Deis F.H. and Lester, D., in **Biochemistry and Pharmacology of Ethanol vol. 2**, Plenum Press (1979), and two scientific papers, "Metabolism of Pyrazole in the Rat" by Deis, F.H., Lin, G. W.-J., and Lester, D. in **Alcohol and Aldehyde Metabolizing Systems vol. 3**, 399 Academic Press (1977) and "*In Vitro* Inhibition of Catalase by 4-Hydroxypyrazole" by the same authors in **FEBS Letters** **78**, 81 (1977).

**Textbook Reviews.** In the Fall of 1996 I was invited to write a paid review of Stryer's "Biochemistry" 4th edition. In the Fall of 1997, I was invited to write a similar in-depth review of the Garrett and Grisham "Biochemistry."

**Continuing Education, Cook College, New Brunswick, NJ (1987-present)**  
Lecturer

- Lectured on several occasions as part of the popular course on Biotechnology offered by continuing education. The course is attended by executives, lawyers, and scientists outside of biochemistry. Reviews have been consistently favorable.

**Ortho Diagnostics & Ortho Pharmaceuticals, Raritan, NJ (1985, 1989)**  
Consultant, Lecturer

- Lectured and offered background and consultant help to professionals and others. Details of this work are confidential.

**RUTGERS  
ACTIVITIES:**

- **Undergraduate Study & Advising Committee, MBB**
- **Undergraduate Curriculum Committee, MBB**

**TEACHING:**

- 694:301 Introductory Biochemistry
- 694:313 Introductory Biochemistry Laboratory
- 694:407-408 Molecular Biology and Biochemistry
- 115:511-512 MBB for Graduate Students
- Biochemistry in summer "STP" program at UMDNJ
- 115:413 Experimental Biochemistry (now Cook)
- 115:491 Seminar in Biochemistry (now Cook)

**ADVISING OF  
UNDERGRADS:**

I have acted as advisor to hundreds of undergraduates over the years, and have certified many classes of seniors for graduation. I respect Rutgers Undergraduates and enjoy interacting with them. I am on the Department Advising Committee, and in the Fall of 1996 I helped start the Biochemistry Club for undergraduates, and am still the advisor to that club.

**ROLE IN  
CURRICULUM  
DEVELOPMENT:**

I have attended meetings and joined discussions about proposed changes in the curriculum. I have tried to help with practical suggestions based on my years of experience with students and classes here at Rutgers.