



Internship Opportunities at the FDA

Gilbert J. Burckart, Pharm.D.
Associate Director for Pediatrics
Office of Clinical Pharmacology
Office of Translational Sciences, CDER



**Office of Clinical
Pharmacology,
2015 Summer
Internship with
Dr. Issam Zineh,
Director, OCP**



U.S. Food and Drug Administration
Protecting and Promoting Your Health

Undergraduate and Graduate Student Programs A-Z

- [Center for Biologics Evaluation and Research ORISE Program \(http://orise.orau.gov/fda/applicants/current-research-opportunities.aspx\)](http://orise.orau.gov/fda/applicants/current-research-opportunities.aspx)
- [Center for Devices and Radiologic Health ORISE Program \(http://orise.orau.gov/fda/applicants/current-research-opportunities.aspx\)](http://orise.orau.gov/fda/applicants/current-research-opportunities.aspx)
- [Center for Drug Evaluation and Research ORISE Program \(http://orise.orau.gov/fda/applicants/current-research-opportunities.aspx\)](http://orise.orau.gov/fda/applicants/current-research-opportunities.aspx)
- [Center for Food Safety and Applied Nutrition ORISE Program \(http://orise.orau.gov/fda/applicants/current-research-opportunities.aspx\)](http://orise.orau.gov/fda/applicants/current-research-opportunities.aspx)
- [Center for Veterinary Medicine ORISE Program \(http://orise.orau.gov/fda/applicants/current-research-opportunities.aspx\)](http://orise.orau.gov/fda/applicants/current-research-opportunities.aspx)
- [Center for Veterinary Medicine Student Profile \(http://www.access-data.fda.gov/scripts/CVM/student/cvm/studentTracker/index.cfm\)](http://www.access-data.fda.gov/scripts/CVM/student/cvm/studentTracker/index.cfm)
- [Device Evaluation Intern Program \(http://www.fda.gov/AboutFDA/WorkingatFDA/FellowshipInternshipGraduateFacultyPrograms/DeviceEvaluationInternProgramCDRH/default.htm\)](http://www.fda.gov/AboutFDA/WorkingatFDA/FellowshipInternshipGraduateFacultyPrograms/DeviceEvaluationInternProgramCDRH/default.htm)
- [FDA ORISE Research Participation Program \(http://orise.orau.gov/fda/default.htm\)](http://orise.orau.gov/fda/default.htm)
- [FDA Veterinary Clerkship program \(http://www.fda.gov/AboutFDA/WorkingatFDA/FellowshipInternshipGraduateFacultyPrograms/VeterinaryMedicineStudentInternships/ucm292243.htm\)](http://www.fda.gov/AboutFDA/WorkingatFDA/FellowshipInternshipGraduateFacultyPrograms/VeterinaryMedicineStudentInternships/ucm292243.htm)
- [Federal Information Privacy Internship Program \(http://www.fda.gov/AboutFDA/WorkingatFDA/FellowshipInternshipGraduateFacultyPrograms/ucm281292.htm\)](http://www.fda.gov/AboutFDA/WorkingatFDA/FellowshipInternshipGraduateFacultyPrograms/ucm281292.htm)
- [Interdisciplinary Toxicology Program \(http://www.fda.gov/AboutFDA/WorkingatFDA/FellowshipInternshipGraduateFacultyPrograms/InterdisciplinaryToxicologyProgramNCTR/ucm2007220.htm\)](http://www.fda.gov/AboutFDA/WorkingatFDA/FellowshipInternshipGraduateFacultyPrograms/InterdisciplinaryToxicologyProgramNCTR/ucm2007220.htm)
- [JIFSAN Student Internship Program \(http://research.jifsan.umd.edu/payroll/\)](http://research.jifsan.umd.edu/payroll/)
- [Medical Device Fellowship Internship Program \(http://www.fda.gov/AboutFDA/WorkingatFDA/FellowshipInternshipGraduateFacultyPrograms/MedicalDeviceFellowshipProgramCDRH/ucm108126.htm\)](http://www.fda.gov/AboutFDA/WorkingatFDA/FellowshipInternshipGraduateFacultyPrograms/MedicalDeviceFellowshipProgramCDRH/ucm108126.htm)
- [National Center for Toxicological Research ORISE Program \(http://orise.orau.gov/fda/applicants/current-research-opportunities.aspx\)](http://orise.orau.gov/fda/applicants/current-research-opportunities.aspx)
- [Office of Compliance Legal Internship Program \(CDER\) \(http://www.fda.gov/AboutFDA/WorkingatFDA/FellowshipInternshipGraduateFacultyPrograms/ucm447078.htm\)](http://www.fda.gov/AboutFDA/WorkingatFDA/FellowshipInternshipGraduateFacultyPrograms/ucm447078.htm)

Multiple Training Opportunities Are Available at the FDA

<http://www.fda.gov/AboutFDA/WorkingatFDA/ucm395746.htm>

Training Programs in the Office of Clinical Pharmacology

- ORISE Fellowships
- Pharm.D. student rotations
- Visiting T32 Clinical Pharmacology Fellows
- Faculty Intergovernmental Personnel Agreements (IPA's)
- Summer Pre-doctoral Internships
- Others

Summer Internship

- ORISE support for pre-doctoral students;
- Presently 14 mentors involved;
- Also accommodates Pharm.D. students under the FDA Pharmacy Student Program;
- Usually 8-12 weeks with a project and presentation;
- Exposure to Advisory Committees, Office Scientific Rounds and Briefings.

Intern Project Examples

- Neonatal Safety Study
 - Literature search
 - Review of all neonatal studies submitted to the FDA
 - Oral presentation, draft manuscript
- Postmenopausal Osteoporosis Disease Model

Pharm.D. Student Rotation

- Generally 5-6 weeks;
- Activities include attending Advisory Committee Meeting, Briefings and review meetings, lecture series designed for pharmacy students;
- Project and oral presentation

FDA Internship Summary

- The FDA provides a very rich environment for students interested in regulatory affairs and drug development;
- Programs for studying at the FDA are limited for security reasons: ORISE and Pharm.D. Student programs are most common;
- These programs are critical for the FDA to maintain its pool of young trained staff in regulatory science and drug development.