

Pharmaceutical Chemistry (MS)
Commence Fall 2009
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The University of Kansas specifically has a Department of Pharmaceutical Chemistry. The following schools have programs in medicinal chemistry which is closely related:

- Duquense University
- Ohio State
- Purdue
- Temple

Scifinder Scholar and Scopus would fulfill much of the needs of this program, but the following databases would be useful but are not essential

- Beilstein Crossfire – Elsevier
- Merck Index Online –CambridgeSoft Corporation
- ChemIndex – CambridgeSoft Corporation
- ChemSynth – CambridgeSoft Corporation
- ChemBioFinder – CambridgeSoft Corporation
- International Pharmaceutical Abstracts – available from Ebscohost (\$3629 for 2-4 simultaneous users)

The following journals not now in the NJIT collection would be needed to support a program in pharmaceutical chemistry:

Journal of Organic Chemistry	\$2,068
Journal of Medicinal Chemistry	\$2,228
Clinical Chemistry	\$825
International Journal of Pharmaceutics	\$12,408
Drug Discovery Today	\$4,211
Journal of Pharmaceutical Sciences	\$1,400
Current Medicinal Chemistry	\$3,900
Drug Development and Industrial Pharmacy	\$3,706
Bioinorganic and Medicinal Chemistry Letters	\$4,342
Pharmaceutical Research	\$2,679
Journal of Pharmaceutical and Biomedical Analysis	\$4,506
Journal of Antibiotics	\$400
Chemical and Pharmaceutical Bulletin	\$125
Combinatorial Chemistry and High Throughput Screening	\$2,030
Pharmazie	\$336
Total	\$45,164

The NJIT book collection should be augmented in the following subjects:

- Pharmaceutical Chemistry
- Drugs – Design
- Clinical Chemistry
- Drugs – Analysis
- Drug Development
- Drug Evaluation

I would estimate that we would need 75 new books a year at \$100/book at \$7500/year