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## Program Quality Review - Department of Chemistry (2000)

William T. O'Malley

University of Rhode Island, rka101@uri.edu

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## DEPARTMENT OF CHEMISTRY

### LIBRARY COLLECTIONS/SERVICES, 1999-2000

- I. FY97-99 Expenditures for Books and Journals [including electronic databases]: all URI academic departments are provided with a yearly allocation for books. The following provides recent expenditures for your department [along with departments covering related subject areas]:

Dept.	FY97 Books	FY97 Jrnls	FY97 Total	FY98 Books	FY98 Jrnls	FY98 Total	FY99 Books	FY99 Jrnls	FY99 Total
<b>URI total</b>	<b>418522</b>	<b>1588691</b>	<b>2007213</b>	<b>416802</b>	<b>1405294</b>	<b>1822096</b>	<b>391203</b>	<b>1520471</b>	<b>1911674</b>
CHM	11128	129401	140529	12022	81553	93575	20641	86857	107498
PHY	1809	100073	101882	3154	93513	96667	3251	102570	105821
BMM	1331	75033	76364	2330	49575	51905	4301	53050	57351
CHE	0	36687	36687	1875	23559	25434	2107	24584	26691

- II. View of Book Collections by Selective Subjects (LC): the following provides a broad look at the scope of URI's book collection, recent activity in adding to the collection, the scope of that activity in relation to the whole and in relation to other medium size academic libraries, and the latest circulation statistics:

Subject [LC]	Total Items as of 6/99	% of Total Items Held	Books Added 95/99	% of Items Added	Circ. Stats FY99	% of Total Circ.	Books Added 1983- 1993	Avg. Added Peer Group
QD1-69 chemistry	1505	0.184	54	0.189	72	0.113	137	132
QD71-145 anal. chem.	1417	0.173	21	0.074	136	0.213	216	160
QD146- 199 inorg. chem.	602	0.073	8	0.028	48	0.075	56	38
QD241- 449	2731	0.333	43	0.151	207	0.325	334	244

org.chem.								
QD450-731 phys.chem.	2745	0.335	26	0.091	152	0.238	401	276
QD901-999 crystallogr.	557	0.068	3	0.011	18	0.028	84	40
QP501-801 anim.biochem	2919	0.356	155	0.543	278	0.436	452	332

III. Scholarly Books published FY97-FY99: the following provides a look at the numbers of book titles supplied to academic libraries in FY97-FY99:

Subject	1996/97	1996/97	1997/98	1997/98	1998/99	1998/99
	# of titles	\$ of titles	# of titles	\$ of titles	# of titles	\$ of titles
Chemistry	369	\$63,365	355	\$63,356	446	\$63,885
Physics	579	\$64,025	633	\$62,634	749	\$81,427
Chemical technology	315	\$39,790	304	\$49,799	326	\$56,879

IV. Selective Journal Holdings: SSCI provides rankings of scientific journals based on a number of categories. The following is the ranking published in Journal Citation Reports for 1998, by impact factor:

Subject	# of titles	URI Holdings	URI holdings of top ten	URI holdings of 11-20
Subject	Total Titles	Total URI Titles	URI holds 1-10	URI holds 11-20
Chemistry	126	29	9	5
Chemistry, Analytical	65	8	1	3
Chemistry, Applied	46	5	1	4

Chemistry, Inorganic	38	5	4	1
Chemistry, Medicinal	30	11	4	4
Chemistry, Organic	45	9	3	4
Chemistry, Physical	92	15	4	2
Crystallography	18	4	3	1
Spectroscopy	35	2	0	2

Note: an article analyzing the journals in the synthetic chemical literature, M. Clarke (1999), Synthetic chemical literature, *J. Chem. Inf. Comput. Sci.*, 39, 635-637: URI has 5 of the top 10 journals with the greatest number of average reactions/article.

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