

**EIGHTIETH AMENDMENT TO  
ELSEVIER SUBSCRIPTION AGREEMENT**

**WHEREAS**, the parties hereto have previously entered into an agreement dated 9 April 2014 (the "Agreement") as last amended on 20 October 2016 and wish to amend the Agreement as set forth in this amendment ("Amendment").

**NOW, THEREFORE**, in consideration of the mutual promises and covenants set forth below, and for such other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree to amend the Agreement as of 20 October 2016 as set forth below on Schedule 1.

If the Subscriber exercises its option under the Agreement to purchase system-wide perpetual access rights to any Elsevier book products, Elsevier will refund to the University of California, San Diego ("UCSD") the amount that UCSD previously paid for such products, provided that the Subscriber's purchase occurs within the same calendar year of the UCSD purchase. If the Subscriber's purchase occurs after the calendar year of the UCSD purchase, then Elsevier will deduct the amount that UCSD previously paid for such products from the Fees due for the Subscriber's purchase.

Except as specifically amended hereby, all of the existing terms and conditions of the Agreement are hereby ratified. Capitalized terms used herein that are not otherwise defined shall have the meanings ascribed to them in the Agreement. To the extent any terms or conditions of the Agreement conflict with or are inconsistent with this Amendment, the terms of this Amendment shall prevail.

**IN WITNESS WHEREOF**, the parties have executed this Amendment by their respective, duly authorized representatives as of 21 October 2016.

**THE REGENTS OF THE UNIVERSITY OF CALIFORNIA o/b/o  
THE CALIFORNIA DIGITAL LIBRARY  
(Subscriber)**

[Redacted Signature]

Name: [Redacted]  
Title: Associate Executive Director

**ELSEVIER B.V.**

[Redacted Signature]

Title: Executive Vice President Research Solution Sales

Amendment No.: 1-12408449776, 1-12089716215

**Schedule 1**  
**Subscribed Products/Access/Fees**

The Subscribed Products and Fees identified below are in addition to those identified in the agreement for 2016 – 2018.

**UNIVERSITY OF CALIFORNIA - SAN DIEGO**

No. 1-12089716215 1-12408449776

<b>Subscribed Products – publisher</b>	<b>Access</b>	<b>2016 USD</b>	<b>2017 USD</b>
<b>ScienceDirect® online</b> – Elsevier B.V.	sciencedirect.com		
Elsevier Book Series / Handbook Series Intermediate Backfiles (2009-2012 )			N/A
Elsevier Handbook Series (2013 - 2017 )			
-Handbook of Statistics		N/A	
-Handbook on the Physics and Chemistry of Rare Earths		N/A	
Elsevier Book Series Packages (2013 - 2017 )			
-Book Series: All Subjects		N/A	
<b>TOTAL FEES</b>			

**Annex A to Schedule 1  
Elsevier Book Series Titles**

**UNIVERSITY OF CALIFORNIA - SAN DIEGO**

<b>ISSN</b>	<b>Book Series Title</b>	<b>Access Dates</b>
0065-2113	Advances in Agronomy	2013-2017
0065-2156	Advances in Applied Mechanics	2009-2017
0065-2164	Advances in Applied Microbiology	2013-2017
1049-250X	Advances in Atomic, Molecular, and Optical Physics	2013-2017
1554-4516	Advances in Biomembranes and Lipid Self-Assembly	2013-2017
0065-2296	Advances in Botanical Research	2013-2017
0065-230X	Advances in Cancer Research	2009-2017
0065-2318	Advances in Carbohydrate Chemistry and Biochemistry	2009-2017
0360-0564	Advances in Catalysis	2013-2017
0065-2377	Advances in Chemical Engineering	2013-2017
0065-2407	Advances in Child Development and Behavior	2009-2017
0065-2423	Advances in Clinical Chemistry	2009-2017
0065-2458	Advances in Computers	2009-2017
0065-2504	Advances in Ecological Research	2009-2017
0065-2601	Advances in Experimental Social Psychology	2013-2017
1043-4526	Advances in Food & Nutrition Research	2013-2017
0065-2660	Advances in Genetics	2009-2017
0065-2687	Advances in Geophysics	2013-2017
0065-2717	Advances in Heat Transfer	2013-2017
0065-2725	Advances in Heterocyclic Chemistry	2013-2017
1076-5670	Advances in Imaging and Electron Physics	2013-2017
0065-2776	Advances in Immunology	2009-2017
0898-8838	Advances in Inorganic Chemistry	2013-2017
0065-2806	Advances in Insect Physiology	2013-2017
0065-2881	Advances in Marine Biology	2013-2017
0065-2911	Advances in Microbial Physiology	2009-2017
2215-0919	Advances in Motivation Science	2013-2017
0065-3055	Advances in Organometallic Chemistry	2013-2017
0065-308X	Advances in Parasitology	2013-2017
1054-3589	Advances in Pharmacology	2009-2017
0065-3160	Advances in Physical Organic Chemistry	2013-2017
1876-1623	Advances in Protein Chemistry and Structural Biology	2009-2017
0065-3276	Advances in Quantum Chemistry	2013-2017
0065-3454	Advances in the Study of Behavior	2009-2017
0065-3527	Advances in Virus Research	2009-2017
1574-1400	Annual Reports in Computational Chemistry	2013-2017
0065-7743	Annual Reports in Medicinal Chemistry	2013-2017
0066-4103	Annual Reports on NMR Spectroscopy	2013-2017
0070-2153	Current Topics in Developmental Biology	2009-2017
1063-5823	Current Topics in Membranes	2009-2017
1546-5098	Fish Physiology	2009-2017
1937-6448	International Review of Cell and Molecular Biology	2009-2017
0074-7742	International Review of Neurobiology	2009-2017

ISSN	Book Series Title	Access Dates
0074-7750	International Review of Research in Developmental Disabilities	2013-2017
0091-679X	Methods in Cell Biology	2013-2017
0580-9517	Methods in Microbiology	2009-2017
1871-5125	Profiles of Drug Substances, Excipients and Related Methodology	2013-2017
0079-6123	Progress in Brain Research	2009-2017
0079-6468	Progress in Medicinal Chemistry	2013-2017
1877-1173	Progress in Molecular Biology and Translational Science	2009-2017
0079-6638	Progress in Optics	2009-2017
0079-7421	Psychology of Learning and Motivation	2013-2017
0080-8784	Semiconductors and Semimetals	2013-2017
0378-6080	Side Effects of Drugs Annual	2013-2017
0081-1947	Solid State Physics	2009-2017
1099-4831	The Alkaloids: Chemistry and Biology	2013-2017
1874-6047	The Enzymes	2009-2017
0083-6729	Vitamins & Hormones	2009-2017