

# CURRICULUM VITAE

FORMATO EUROPEO/EUROPEAN FORMAT

## PERSONAL INFORMATION

Name, Surname: Juan Valerio Cauich-Rodríguez

Address: Calle 67 No. 640 x 64a y 64, La Herradura II, Cd. Cautel, Mérida, C.P. 97314, Yucatán, México.  
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postcode, city, country

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Website: <http://www.cicy.mx/unidad-de-materiales/investigador/juan-valerio-cauich-rodriguez>

Nationality: Mexican

Place and Date of birth: Temax, Yucatán (05/10/1966)  
CURP: CARJ661005HYNCDN02  
Passport: G19181464

## WORK EXPERIENCE

Dates (from – to) Centro de Investigación Científica de Yucatán A.C.  
Titular Researcher D (Materials Department).  
January 1999- Present.

Add separate entries for each relevant post occupied, starting with the most recent

Tampere Technical University (Tampere, Finland)  
Department of Biomedical Engineering  
Sabbatical with Dr. Minna Kellomaki  
September 2010-August 2011

Instituto de Ciencia y Tecnología de Polímeros del Consejo Superior de Investigaciones Científicas (Madrid, España)  
Departamento Nanomateriales Poliméricos y Biomateriales  
Sabbatical with Dr. Julio San Román del Barrio  
March 2003-February 2004

Instituto de Investigaciones en Materiales-UNAM  
Associated Researcher C (Polymer Department)  
January 1998- January 1999

Queen Mary and Westfield College  
Research Assistant (Interdisciplinary Research Centre in Biomedical Materials)  
Queen Mary and Westfield College (University of London).  
November 1996-December 1997

Centro de Investigación Científica de Yucatán A.C.  
Associated Academic Technician B (Polymer Department).  
May 1991-September 1992.

Centro de Investigación Científica de Yucatán A.C.  
Associated Academic Technician A (Polymer Department).  
July 1989-May 1991.

Name and address of employer	Centro de Investigación Científica de Yucatan A.C. Calle 43 No. 130 x 32 y 34, Colonia Chuburná de Hidalgo, C.P. 97205, Mérida, Yucatán, México
Type of business or sector	CONACYT, Mexican Government
Occupation or position held	Titular Researcher D
Main activities and responsibilities	Research and Teaching

## EDUCATION AND TRAINING

Dates (from – to)	1994-1997
Add separate entries for each relevant course you have completed, starting with the most recent	Interdisciplinary Research Centre in Biomedical Materials. Queen Mary and Westfield College. University of London (UK). PhD
	1992-1993
	University of Manchester-Institute of Science and Technology (UMIST). University of Manchester (UK). MSc
Name and type of organisation providing education and training	1984-1988
	Chemical Engineering Faculty of the Universidad Autónoma de Yucatán (México) BSc
Principal subjects occupational skills covered	Polymer science and technology Biomaterials and Tissue Engineering

## RESEARCH ACTIVITIES

Research sectors	Polymers for Biomedical Applications
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Recent Scientific Activities.	Synthesis of polyurethanes for cardiovascular applications Polyurethanes for metformin or atorvastatin release Modification of acrylics for bone cements for application in orthopaedics Modification of dental materials (glass ionomer cement, denture bases)
Books and Articles	69 Articles (JCR) 4 Articles (Mexican Journals) 1 Book 10 Book Chapters 13 PhD Thesis 11 MSc Thesis 23 Bsc Thesis 33 International Conferences 4 Technical reports to companies  Teaching experience in the postgraduate program in polymeric materials from CICY (Polymer Synthesis (19 courses), Polymer Characterization (5 courses), Polymer Degradation (3 courses), Biomaterials (3 courses), Tissue Engineering (3 courses)).  Teaching experience at undergraduate level (Polymer synthesis (3 courses at Chemical Engineering Faculty of the Autonomous University of Yucatán), Implantology (4 courses at the Dentistry Faculty of the Autonomous University of Yucatán), Restoration of Dental Materials (2 courses at the Dentistry Faculty of the Autonomous University of Yucatán)).

#### **ADDITIONAL INFORMATION**

Awards by the National System of Researchers (SNI in spanish)  
Level I 1999-2009  
Level II 2010-2018

Editorial Board Member  
Journal of Biomaterials Applications  
2016 to present.

Member of the Mexican Polymer Society, SPM (September 1998 to present)