

## Curriculum Vitae

### GERALD STEYN

#### CONTACT INFORMATION

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#### INTRODUCTION

Full name.....Gerald Stewardt Steyn  
Born.....Cape Town, 5 October 1951  
Matriculated.....Hoërskool Sentraal, Bloemfontein, 1969

#### EDUCATION

1995.....University of Pretoria.....PhD  
1979.....University of the Free State.....M Arch  
1976.....University of the Free State.....B Arch  
  
1992-1994.....University of Pretoria.....part-time doctoral research  
1977-1978.....Prof Dr Frei Otto, University of Stuttgart.....postgraduate research  
1971-1975.....University of the Free State.....graduate school

#### PROFESSIONAL EXPERIENCE

1992-.....Principal.....Gerald Steyn Consulting Architect  
1981-1992.....Co-founder and principal.....Grobler-Steyn Architects & Engineers  
1979-1980.....Chief Research Officer.....CSIR, Pretoria

## ACADEMIC EXPERIENCE

2017-.....Research Professor–Dept of Building Sciences, Tshwane University of Technology  
 2001-2017.....Research Professor–Dept of Architecture, Tshwane University of Technology (TUT)  
 1999-2001.....Senior lecturer.....Dept of Architecture, former Technikon Pretoria  
 1998.....Part time lecturer.....Dept of Architecture, former Technikon Pretoria

### Postgraduate supervision

| ASPECT  | COMPLETED | CURRENT |
|---|-----------|---------|
| Building Sciences students directly supervised for Master’s degrees | —         | 40      |
| Architecture students directly supervised for Master’s degrees      | 28        | —       |
| Number of students co-supervised for Master’s degrees               | 40        | —       |
| Number of students directly supervised for Doctoral degrees         | 1         | 0       |
| Master’s graduates managed by the author                            | 173       | 77      |

### Current research activities

- Ongoing – Definitions and concepts for appropriate African urbanism and architecture
- Ongoing – Urbanism in southern Africa – geometry, technology and sustainability

### Completed research projects

- Tswana urban patterns ..... NRF-funded project (2011-2013)
- Urban patterns in Kisumu, Kenya ..... NRF-funded project (2010-2011)
- Mamelodi ..... Funded by NRF and Hogeschool van Utrecht (2003-2007)
- Profiling two Tshwane neighbourhoods..... NRF-funded project (2004-2005)
- Site planning for affordable housing ..... NRF-funded project (2001-2003)
- The vernacular courtyard houses of Africa..... NRF-funded project (2000-2001)

### Accreditation visits to schools of architecture

| CAPACITY  | N <sup>o</sup> OFF |
|-----------|--------------------|
| Chairman  | 3                  |
| Secretary | 8                  |
| Member    | 4                  |

## RESEARCH OUTPUTS SINCE 2000

| TYPE OF OUTPUT                           | N° OFF |
|--|--------|
| Peer reviewed articles                   | 42     |
| Chapters in book                         | 7      |
| Technical journals and the popular press | 20     |
| National and International Papers        | 30     |

## PROFESSIONAL MEMBERSHIP

- Since 2001. Pretoria Institute for Architecture
- Since 2001. South African Institute of Architects (Corporate Member)

## PROFESSIONAL REGISTRATION

- Since 1978 Registered with the South African Council for the Architectural Profession (Professional Architect Number 5370)

### Involvement with professional and educational bodies

- Member of Pretoria Institute for Architecture (PIA) Management Committee from 2014—.
- Two-term councillor of the South African Council for the Architectural Profession (SACAP) from 2008 to 2014.
- Chairperson of the SACAP committees on Registration, Validation and Heads of Schools from 2008 to 2014.
- Past member of SACAP's standing validation panel.
- Reviewer for the National Research Foundation (NRF).
- Evaluator for the Council on Higher Education (CHE).

## PEER ACKNOWLEDGMENT

### Recognition

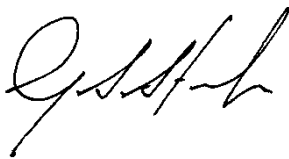
- Invited in 2017 to update the sections on sub-Saharan Africa for Bloomsbury Publishing's Second Edition of the *Encyclopedia of Vernacular Architecture of the World*.
- Member of the International Association of Housing Science (IAHS) 2016 Scientific Committee.
- Member of the Smart and Sustainable Built Environment (SASBE) 2015 Scientific Committee.
- Convenor of Judges for 2015 Pretoria Institute for Architecture (PIA) Merit Awards.
- NRF rating: C3 (valid until 31 December 2018).<sup>1</sup>
- Member of the International union of Architects (UIA) 2014 Review Panel.
- Member of the International Association of Housing Science (IAHS) 2013 Scientific Committee.
- Guest editor of June 2012 issue of the London based Proceedings of the Institution of Civil Engineers – Urban Design and Planning (Volume 165 Issue 2)
- Judge for 2011 Pretoria Institute for Architecture (PIA) Merit Awards competition

### Awards

- Faculty of Engineering and the Built Environment Senior Researcher of the Year 2012 Merit Award.
- Pretoria Institute for Architecture (PIA) Merit Award for Publications and Research in June 2005.
- Tshwane University of Technology's Award for Senior Researcher of the year for 2004.

### Editorial boards

- *South African Journal of Art History*. Art Historical Work Group of South Africa. ISSN 0258-3542.
- *African Journal of Science and Technology*. UNESCO. ISSN 1607-9949.
- *Urban Design & Planning*. Thomas Telford Journals, London. ISSN 1755-0793 (— Nov 2012)



**Gerald Steyn**

**24 December 2018**

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<sup>1</sup> The C category and C3 sub-category are defined as follows: C: Established researchers with a sustained recent record of productivity in the field who are recognised by their peers as having: (1) produced a body of quality work, the core of which has coherence and attests to ongoing engagement with the field; (2) demonstrated the ability to conceptualise problems and apply research methods to investigating them.