

Julia Gouot



Age: 28

Nationality: French

Current address: Australia

International driving licence

Email address: jgouot@csu.edu.au

SKILLS

Experimental and commercial winemaking processes
Berry and wine analyses (liquid and gas chromatography)
Controlled and field experiment management
Statistical and chemometric analyses

Languages: French: Native speaker/English: Fluent

Computer: Microsoft Office, Matlab, R, MassHunter, Sigmaplot

EDUCATION

- 2016/19 **Doctor of Philosophy (in progress)**
National Wine and Grape Industry Centre, School of Agriculture and Wine sciences, Charles Sturt University, Wagga Wagga, Australia
- 2014/15 **Master's degree in Analytical Chemistry Research & Development**
AgroParisTech/UMR Pharmacie Paris Sud, France
- 2012/14 **Diplôme National d'Œnologie (equivalent to MSc in Œnology)**
Institut National Polytechnique Toulouse/Université P. Sabatier, France
- 2011/15 **Ingénieur Agronome** ("Grandes Ecoles" equivalent to **MSc in Agronomy**)
Ecole Nationale Supérieure Agronomique de Toulouse, France
- 2008/11 **Preparatory Classes** (equivalent to 1st & 2nd year in **BSc**)
Intensive studies in Biology, Chemistry, Physics & Mathematics, Poitiers, France

WORK EXPERIENCE

References upon request

- 2016 to present:** PhD student at National Wine & Grape Industry Centre - Wagga Wagga, Australia
"Effect of extreme high temperature on grape berry tannin composition in cv. Shiraz (*Vitis vinifera* L.)"
- Conducted potted-vine experiments in controlled environment.
 - Completed sampling and sample preparation, collected data and performed statistical analyses.
 - Analysed phenolic compounds including detailed tannins (targeted metabolomics by LC-MS/MS).
 - Analysed primary metabolites (untargeted metabolomics by GC-MS).
 - Conducted wine-like extraction, micro scale winemaking and wine analyses.
- 2015/16:** Research Associate (7 months) + Technical Officer (3 months) + Masters' thesis (6 months) – National Wine & Grape Industry Centre - Wagga Wagga, Australia
"Vine Balance Project: Impact of canopy manipulations on berry and wine composition in Shiraz"
- 2014:** Research proposal project (1 month) – UMR Ingénierie des Procédés Alimentaires, AgroParisTech, France
"Characterisation of honey based on botanical and geographical origins: relevance of phenolic compounds"
- 2013:** Laboratory trainee (3 months) - Institute for Wine BioTechnology - Stellenbosch, South Africa
"Impact of defoliation on Sauvignon Blanc wine composition and sensory"
- 2013:** Assistant winemaker (3 months) - Domaine de la Devinière, Satigny, Switzerland
"Sulfur addition management during red winemaking"
- 2011/12:** Vineyard trainee (2 months) - Domaine du Clos St Louis, Fixin, Bourgogne, France
- 2007:** Hand-picked harvest (1 week) - Domaine A&B Rion, Vosne Romanée, Bourgogne, France

PUBLICATIONS

Refereed journal articles and non-refereed communications available at <https://researchoutput.csu.edu.au/en/persons/julia-gouot>