

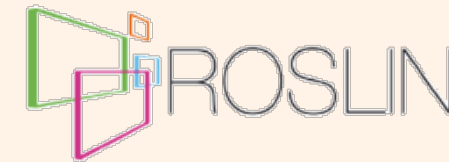


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of Veterinary Studies



# Aquaculture first day competencies for graduating veterinarians

J. del-Pozo & F. Mardones, D. Waring, N. Stock, J. MacKay



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Agriculture and Food Systems

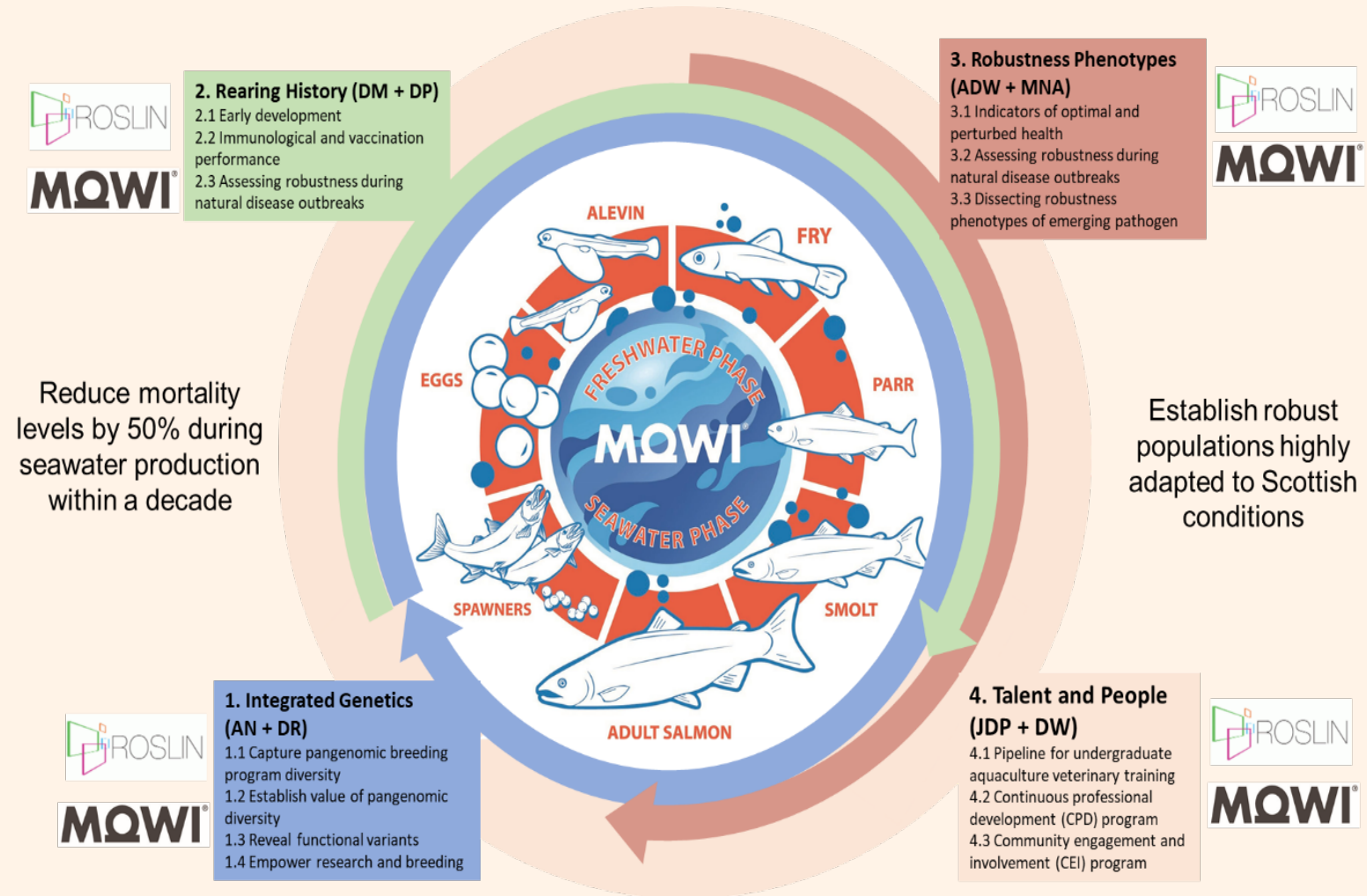


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# BACKGROUND



Dr Nick Wade



# BACKGROUND

## 4. Talent and People (JDP + DW)

4.1 Pipeline for undergraduate  
aquaculture veterinary training

4.2 Continuous professional  
development (CPD) program

4.3 Community engagement and  
involvement (CEI) program

- **Ambitions**
  - Skills Development and Retention
  - Academic-Industry Collaboration
  - RDSVS as UG vet training hub
  - Inclusive of all industry and vet schools
- **Strategy**
  - Competency Standards
  - Training Pipeline (Hands-on Learning)

# CURRENT AQUA TEACHING AT RDSVS

- **Lectures**

- Preclinical years (1<sup>st</sup>/2<sup>nd</sup> year and GEP)

- GEP: 2 x fish husbandry lectures (R. Soutar)
    - AB-3: Information of anatomy and physiology
      - Respiratory, Skin, Cardiovascular

- Clinical years (4th 5th year)

- 4<sup>th</sup> year: 3x fish farming lectures (R. Soutar)
    - 5<sup>th</sup> Year: Public health selective rotation - visit to Mowi processing plant



**Dr Ronnie Soutar**

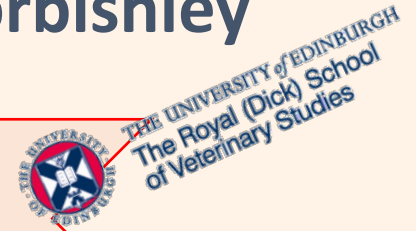
# AQUA TEACHING OPPORTUNITIES

- **Early years awareness**
  - E.g. Careers fair
- **Lectures**
  - Maintain current aquaculture lectures
  - Reinforce the fish content in lectures across the curriculum
- **Student Research Component (SRC)**
  - Provide students with research project choices
- **Selected rotations**
  - 2-3 weeks focussed training (hands on)
- **Norwegian School of Veterinary Science??**



**Prof Alex Corbishley**

Starting point  
(2026)



# AQUA TEACHING INTEREST

- **Informal figures**
  - 1-3 students interested/year
- **2026 Selected rotation**
  - 10 4<sup>th</sup> year students
- **EAVMS – Edinburgh Aquatic Veterinary Medical Association**
  - Branch of WAVMA.
  - President: Heather McFarlane; Treasurer: Olivia Mlinar
  - ~13 students
  - Aquaria visits, talks, wet labs

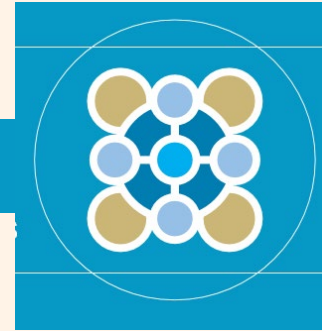


INFORMAL SURVEY

# WHAT TO TEACH?



Day One Competences



Competencies of graduating veterinarians ('Day 1 graduates')



**WAVMA Certified Aquatic Veterinarian (CertAqV) Program**

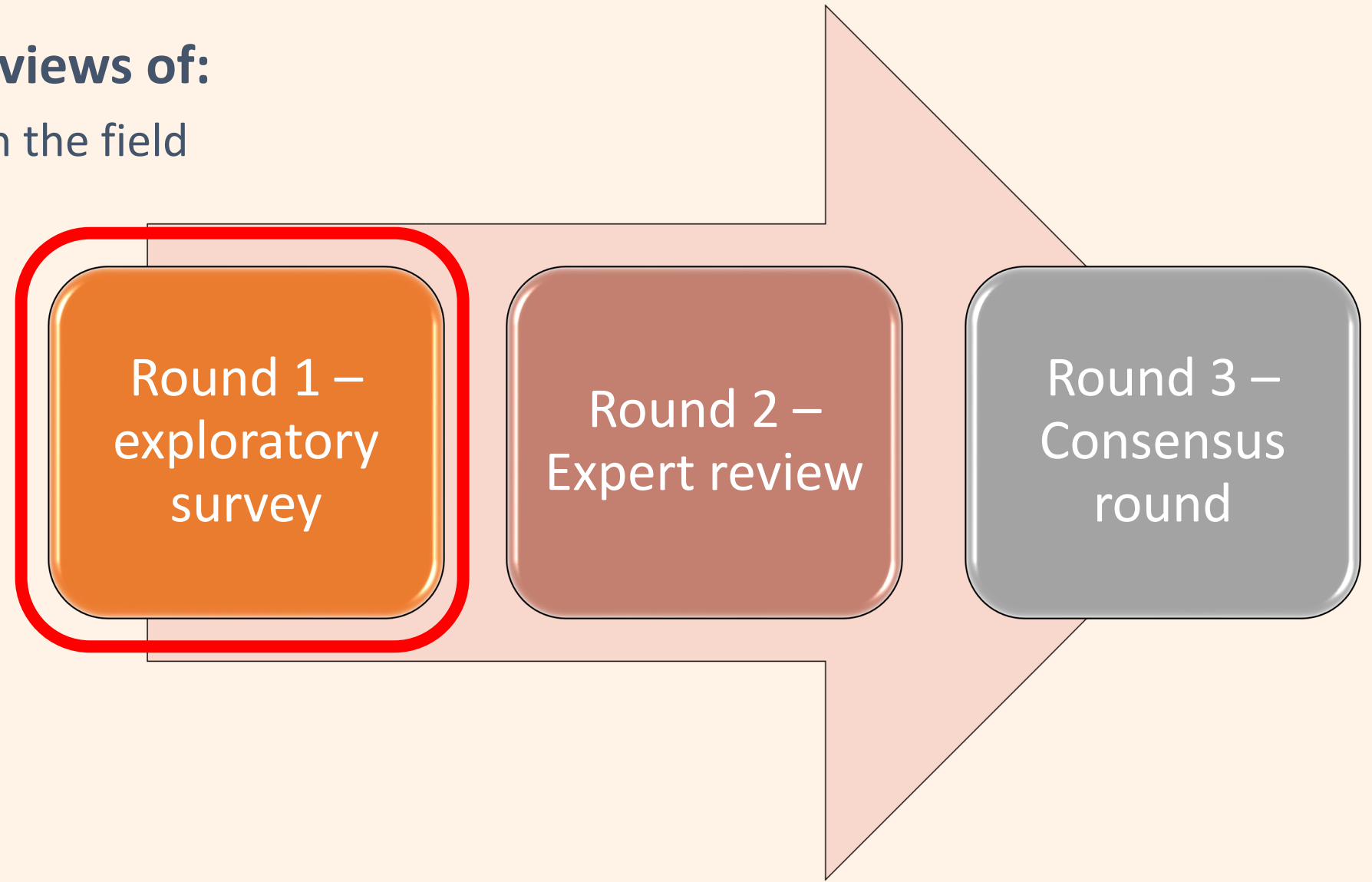


Establishing guidelines for post-graduate education and experience prerequisite to becoming a specialist in aquatic animal health



# DELPHI STUDY

- **To capture the views of:**
  - Vets working in the field
  - Industry





# DELPHI STUDY SURVEY

**SECTION 1 – PROFESSIONAL & ETHICAL FOUNDATIONS**

**SECTION 2 – CLINICAL FOUNDATIONS IN AQUATIC VETERINARY MEDICINE**

**SECTION 3 – EPIDEMIOLOGY, PATHOBIOLOGY & PUBLIC HEALTH**

**SECTION 4 – HUSBANDRY, WELFARE, LIFE SUPPORT SYSTEMS AND VETERINARY INTERVENTIONS**

**SECTION 5 – COMMUNICATION & COLLABORATION**

**SECTION 6 – CONTINUOUS LEARNING & LEADERSHIP**

