



Renée Stewart-Smith, Principal Consultant
McSquared System Design Group Inc.
 Technology Design Consultant
 Experience: 14 years

Profile:

Renee Stewart-Smith is a Principal Consultant. She began her career in the audiovisual industry as an installation technician, and rapidly moved into management, engineering, and design roles as her experience and knowledge increased.

She has designed audiovisual projects ranging in size and complexity from a single meeting room presentation system to immersive distance education conferencing systems, distributed across multiple campuses. Clients have included corporate, entertainment, houses of worship, government, residential, and all levels of education. Systems that she has worked on cover a wide variety of purposes, including distance education, conferencing, collaboration, presentation, medical simulation, and digital signage.

Previous to her work in audio visual integration, Renee was a Scenic Designer for theatrical productions. Her designs often included projection and other technology-based elements in seamless conjunction with architectural and physical components. Design choices were driven by supporting the director's vision for the production, and the actors needs for the communication of this vision to the audience. It was during these years that her focus on identifying and fulfilling the specific end-result requirements of each client became first and foremost on every project that she works on.

Renee is a leader in process development and systemization. She has developed and implemented the processes that promote consistent, high quality system design and contract/project management. This includes the

documentation standards required to produce highly efficient, accurate, and complete project deliverables. A key aspect of her responsibilities is leading the Production Department, including BIM and utilizing Revit in McSquared's workflows.

Education and Qualifications:

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|---------------------------------|--|
| University Of Victoria | <ul style="list-style-type: none"> ● Bachelor of Fine Arts Theatrical Design Graduated with Distinction |
| Okanagan College | <ul style="list-style-type: none"> ● Introduction to Revit ● Revit Production |
| EASE | <ul style="list-style-type: none"> ● Enhanced Acoustic Simulator for Engineers <ul style="list-style-type: none"> ● Level 1 - Basic Training ● Level 2 – Advanced Training |
| AVIXA | <ul style="list-style-type: none"> ● Certified Technology Specialist |
| Technical Safety BC (BCSA) | <ul style="list-style-type: none"> ● Field Safety Representative <ul style="list-style-type: none"> ● LE - Limited Entertainment ● LO - Low Energy Systems |
| Extron | <ul style="list-style-type: none"> ● Network AV (NAV) Specialist ● Audio Video Technologies for System Designers ● Emerging Technologies ● Configurable Control Systems |
| Crestron | <ul style="list-style-type: none"> ● Essentials of Crestron Programming ● Digital Media Certified Designer ● Configuration of Crestron Systems |
| Dale Carnegie Vocational School | <ul style="list-style-type: none"> ● Leadership Training for Managers ● The Leadership Advantage |

Employment History:

- | | |
|-----------|---|
| Current | Principal Consultant
McSquared Systems Design Group |
| 2018-2019 | Systems Designer
Central Services Team Lead
Houle Electric Ltd |
| 2007-2018 | Systems Designer & Engineering
Audio Video Technician
PJS Systems |
| 2006-2007 | Audio Video Technician
Independent Sub-Contractor |
| 2005-2007 | Owner/Operator
BC Display Services |
| 2001-2006 | Theatrical Designer
Freelance Contractor |

Relevant Experience and Capabilities:

BIM Manager

Leading McSquared's transition into BIM. Managing the software (Revit, etc.) training program for the McSquared team. Developing and managing digital collaboration processes for projects across diverse project structure and teams. Building and maintaining Revit templates and audiovisual industry-specific families. Coordinating with external design teams to integrate a BIM Execution Plan for each project. Creating, maintaining, and managing an audiovisual specific specialty consultant BEP.

Completed: Ongoing

Head of Production

Development of internal technical, project management, and formal communication resources, including digital tools, templates, systems, and processes. Internal standards development and management of quality control across all facets of the company. Model, drawing, and document production for projects. Internal support for McSquared and the project team.

Completed: Ongoing

Okanagan College Health Sciences Centre

The HSC consists of classrooms, collaboration classrooms, simulation teaching labs, and meeting rooms. Development of the audiovisual systems design in compliance with the OC A/V/IT standard guidelines and with a focus on systems reliability, ease of use, and minimizing operational and service support requirements. Project scope included a full analysis with user consultations in order to meet this requirement across all programs within the building, infrastructure coordination, and the development of the audiovisual system specification to support those needs.

Complete: 2020

Thompson Rivers University Nursing and Population Health Building

The TRU NPH facility is a three-story building dedicated to Health Care programs at TRU. The Audiovisual and Health Capture and Debriefing

Systems integrated design are a key part of the Nursing Faculty's teaching methods, philosophy, and successful delivery of the course content. This is supported using cutting edge technology integrated tightly with the user's needs and coordinated closely with the project team. Detailed user consultation and technical evaluation was required to develop the design concept, which was then backed up with extensive proof of concept testing to evaluate feasibility, stability, and usability for this projects' specific requirements.

Complete: 2020

Planning and Design Guidelines for Courthouses in British Columbia Audiovisual Specifications

This project included the modification of the document, 'Planning and Design Guidelines for Courthouses in British Columbia' to reflect the current technology needs of the BC Courthouses. The project deliverables were to provide updated design guidelines for inclusion into the existing document, update the technical references, add performance criteria specifications, and design a new automatic redundant failover system for the audio and video components of the Digital transcription system.

Completed: 2019

New Westminster Aquatics and Community Centre

The NWACC is a centrally located community gathering space, including gymnasiums, childcare, multipurpose rooms, fitness areas, common areas (lobby/Atrium), and natatorium. Project scope includes close collaboration with the other Design Divisions to manage the placement of audiovisual equipment in complex architectural spaces to optimize the systems functionality without negatively impacting the architectural design vision. Project deliverables include the creation of an acoustical model, coordination of the electrical infrastructure, and sound, video, and control system design and contract management.

Completed: Ongoing