#### **EDUCATION**

Master of Education, Career and Technology Education, University of Maryland Eastern Shore, 2019
Bachelor of Liberal Arts, Art History, Western Maryland College, Westminster, Maryland, 1986
Associate of Arts, Business Data Processing, Frederick Community College, Frederick, Maryland, 1984

#### **MARYLAND STATE LICENSES**

**Master HVAC Technician**, MD #16984, 2015 (EPA-608 Universal Certification in Refrigerants, 1994) **Master Plumber/Gas Fitter**, MD #17052, 2012 (Certified Backflow, 1995)

#### **EMPLOYMENT EXPERIENCE**

# Frederick County Public Schools

Career & Technology Center 7922 Opossumtown Pike Frederick, MD 21702

#### **Fountainworks Studio**

228 Dill Avenue Frederick, MD 21701

# Crum, Inc.

3202 Basford Road Frederick, MD 21703 301-663-0050

### **Toby Mendez Studios**

19419 Frog Eye Road Knoxville, MD 21758 301-834-6239

# **Delaplaine Visual Arts Education Center**

40 S. Carroll Street Frederick, MD 21701 301-698-0656

# Plumbing & HVAC Instructor, 2015-present

Responsibilities include providing instruction utilizing the NCCER text in Core Curriculum, HVAC I, and Plumbing I in a 2-year program, develop lab programming to support the curriculum, and supervise the students in the application of training in a student built home.

# Sculptor/Designer 2003-present

Established studio to design and produce public art combining public art experience with professional experience in the plumbing trade. See below for Public Art Experience

# Plumber and HVAC Technician, 1991-2015

Work in all areas of Frederick-based, family-owned, plumbing, HVAC, and Home Improvement corporation including new installation, service, maintenance, repair, estimates, bidding and coordination with other trades. Experience in residential and light commercial HVAC and plumbing.

### Designer and Fabricator, 1999-2010

Prepared presentations and proposals including writing and design and served on the installation teams.

Associate Designer -

- Alexandria Vietnam Veterans Memorial, dedicated in 2002
- Design Team received Honorable Mention for entry to the Dr. Martin Luther King, Jr. National Memorial.
- Silver Spring Veterans Plaza

## **Executive Director, 1987-1991**

Managed daily affairs of newly formed nonprofit corporation. Oversaw survey and stabilization of Mountain City Mill, the new home of Frederick's first visual arts center. Developed programming and policies for public arts facility. Responsible for grant requests, fundraising accounting, public relations and membership.

- Jurist, Baltimore Museum of Art, Maryland Invitational, 1989-90
- Maryland State Arts Council Grant Committee, 1989
- Attended National Assembly of Local Arts Agencies, 1989

# 228 Dill Avenue Frederick, Maryland 21701 Telephone: 301-606-8949 E-mail: chascrum@verizon.net

### **PUBLIC ART EXPERIENCE**

**Culler Lake Sundial**, commissioned by the Friends of Baker Park to design a unique, site-specific bronze sundial that invites the visitor to interact with the sculpture in order to determine the time of day – 2019

**Fish Filler**, commissioned by the Braddock Heights Pool Association to recast the site-specific, filler spout. Originally cast in concrete in 1991, the unique pool-side sculpture was fully restored – 2014

**Walk of Fame**, Weinberg Center for the Arts, Frederick, Maryland – designed entrance walkway to Frederick's historic performing arts center a pavement design which will include bronze stars honoring key individuals and recognizing donor contributions – 2010.

**Community Commons**, Point of Rocks, Maryland – working with the community to develop an outdoor public-use space that incorporates the history and significance of the area into a multi-use park that integrates into its natural setting –2018.

**Diehl Memorial Fountain**, commissioned by the City of Frederick to design and fabricate a drinking fountain for the Carroll Creek Park. Design based on an historic fountain and includes ADA basins as well as a pet drinking basin. This project was made possible with the generous support of the Green-walled Garden Club. Dedicated July 2007.

**Captain Rocky Versace Plaza and Alexandria Vietnam Veterans Memorial**, Alexandria, Virginia. Served as Associate Designer for Toby Mendez Studios developing and drafting concept – 2002.

**C&O Canal Commemorative Monument**, Canal Place, Cumberland, Maryland. Associate Designer for Toby Mendez Studios. Fabricated studio equipment and sculpted period tackle for life-size bronze mule – 2000

**Fountainworks,** *the Warwick Quahogger, A Days Catch*, Warwick Public Library, Warwick, Rhode Island. Mechanical Designer of fountainworks. Key to this project was coordination with the city – 1998

**ADA Railing System, Thurgood Marshall Memorial "Equal Justice Under Law"** State House Grounds, The State of Maryland Governor's Commission, Annapolis, Maryland. Fabricated steel handrail system on entrance to the 50' x 60' plaza to State specifications – 1996

**Fountainworks, A Tribute to the Oyster Tonger**, Friends of Annmarie Gardens, Calvert County, Maryland. Designed and installed fountainworks, including a splashing waterfalls and water veil – 1994

**Fish Filler**, commissioned by the Braddock Heights Pool Association to design and build a site-specific, filler spout. The design had to comply with State Health Department and Local Plumbing Codes as well as protect the typically vulnerable and dangerous fill piping -1991

**Point of Rocks Veterans Memorial**, first public monument, designed and fabricated as a community project. Constructed of timbers and panels and pays tribute to deceased veterans from WWI to present – 1982

# **PUBLIC ART EXPERIENCE – Design Honors**

**Diehl Memorial Fountain** recognized by *Frederick Magazine*, January 2009, as one of Frederick County's "hidden gems" and featured in the *Washington Post's* "Road Trip," July 2007.

**Baker Park Sundial**, Frederick, Maryland, A finalist in the city's inaugural public art competition, the proposed design was a large-scale, interactive timepiece that chronicled local history and introduced visitors to earth science – 2003

#### **COMMUNITY SERVICE**

Board of Directors, Weinberg Center for the Arts, Inc., 2005-2011 Memorial Committee, Friends of Baker Park, 2003-2007 Board of Directors, Federated Charities Corporation, 1993-1998 Life Member, Delaplaine Visual Arts Education Center Board of Directors, Frederick Community Concerts, 1990-1994