

The TMJ Association, Ltd.

2024 Annual Report



P.O. Box 26770, Milwaukee, WI 53226 ♦ www.tmj.org

A Message from Our President...

A Tribute to Theresa Ann (Terrie) Malinowski Cowley

It is with profound sadness that I share the passing of my beloved wife, Theresa Ann (Terrie) Malinowski Cowley, on July 22, 2024, in Milwaukee. Terrie was a force of nature—passionate, compassionate, and unwavering in her dedication to those suffering from temporomandibular disorders (TMDs). Her loss is deeply felt, but her legacy will continue to guide The TMJ Association and the countless lives she touched.

Terrie's journey as an advocate began in 1986, following her own failed treatment for TMD. Rather than accepting the status quo, she co-founded and became President of The TMJ Association, transforming it from a small, patient-led initiative into a globally recognized force for change. From the spare bedroom of our Wauwatosa home, she led efforts that resulted in congressional oversight of the Food and Drug Administration (FDA), expanded research at the National Institutes of Health, and a greater understanding of TMD as a complex medical condition that affects millions—predominantly women.

Her advocacy shed light on the failures of implanted materials and the broader issue of fragmented care that leaves TMD patients without a clear medical pathway. She was instrumental in shaping the conversation at the highest levels, working with the FDA, and the National Institute of Dental and Craniofacial Research, and leading efforts that culminated in the landmark 2020 National Academies of Science, Engineering, and Medicine report on TMDs. That report reinforced what Terrie had long fought for—that TMDs are complex conditions requiring evidence-based, interdisciplinary medical care.

Beyond her policy and scientific contributions, Terrie's heart remained with the patients. She spent countless hours on the phone, responding to emails and letters, offering comfort, understanding, and hope. Her empathy and determination extended beyond TMDs, leading to the formation of the Chronic Overlapping Pain Conditions Alliance to address the broader spectrum of pain conditions many TMD patients endure.

Terrie was more than an advocate—she was a devoted wife, a loving sister, and a dear friend to many. She was fiercely dedicated yet carried a wonderful sense of humor, an appreciation for jazz and classical music, a love of sports, and a fondness for all furry creatures. Through every challenge, she remained optimistic, never wavering in her commitment to improving the lives of those in pain.

As I step into the role of President of The TMJ Association, I do so with a deep commitment to continuing Terrie's work. Her vision for a world where TMD patients receive the care, respect, and attention they deserve will remain at the heart of our mission. Though she is no longer with us, her legacy will live on in the progress we make and the lives we improve.

With heartfelt gratitude and remembrance,

Allen W. Cowley, Jr.
President, The TMJ Association

The TMJ Association is the *only* patient advocacy organization solely dedicated to advancing the best science to improve the understanding of temporomandibular and related disorders (TMDs). Our ultimate goal is to drive the development of safe, effective treatments that help—*not harm*—patients.

We pursue this mission by:

- **Providing support and guidance** to individuals living with TMDs
- **Serving as a trusted source** for current research and scientific developments
- **Educating diverse audiences**—including patients, healthcare professionals, policymakers, and the public
- **Promoting and advocating** for rigorous, patient-centered biomedical research



SERVING TMJ PATIENTS

Providing Support & Guidance

The TMJ Association (TMJA) serves as a trusted central resource for sharing information with patients, government agencies, elected officials, and the health care and research communities. In addition to our website and educational publications, TMJA provides one-on-one support through telephone and email to patients seeking guidance on navigating their health journeys.

We also maintain an active presence on **Inspire**, **Facebook**, **Instagram**, **YouTube**, and **LinkedIn**, offering real-time updates on research, advocacy efforts, and emerging issues. These platforms serve not only as tools to share urgent news, but also as safe spaces where patients can connect and share their personal experiences.

Through our partnership with **Inspire**, TMJA hosts the *TMJ Café*, a free, anonymous online support community. This growing forum has connected more than **4,745** TMJ patients, offering peer support and a sense of solidarity for those who often feel isolated by their condition.

Our website, www.tmj.org, is available 24/7 and regularly updated with the latest research findings, alerts, and responses to patient questions and concerns.

Here is an example of the messages we receive from those seeking help:

“Thank you for raising awareness about this issue. Some partners will never understand what we go through just trying to do something as simple as giving our husband a kiss!” *Hope*

“We very much appreciate the time you took to talk with me about her issue. It solidified our decision not to proceed with an invasive surgery. I can’t imagine the pain she would have experienced and probably continued to experience if we had gone down that route. Your advice and previous experience saved our daughter probably a lifetime of pain and issues with her jaw. Thank you very much for your efforts to educate and help society suffering from this affliction. We truly appreciate you and your organization.” *Shawn*

Listing Opportunities to Volunteer for Clinical Studies

- **Online Focus Group for Young Adults**

Researchers at Stanford University and Vanderbilt University are looking for participants who have experience with chronic pain to gather their feedback on a research project aiming to help youth monitor their pain at home. This will be a one-time, 2-hour virtual meeting hosted via Zoom. Participants will be asked to provide feedback on the upcoming project and recruitment ideas. Meeting participants will NOT be asked to participate. The meeting will take place in early to mid-March 2025.

- **Patients living in the San Francisco, CA Area Needed - Study Evaluating Low-Intensity Focused Ultrasound for Targeted Modulation of Pain Circuits in Chronic Pain**

This research study seeks to evaluate a non-surgical, non-drug, wearable therapy using Low-Intensity Focused Ultrasound Stimulation (LIFUS) of the deep brain to alleviate pain in patients with chronic pain. Conducting this research study will enable further development of a novel wearable device to allow in-clinic or at-home use for pain reduction. This technology is already being used in multiple studies for other conditions. LIFUS is a form of non-invasive brain stimulation that uses sound waves (the same form of energy used in fetal ultrasound imaging during pregnancy) to target and alter activity in areas of the deep brain. As LIFUS is highly precise, it can accomplish this task without impacting the surrounding brain tissue.

- **Central and Peripheral Factors in Temporomandibular Disorder**

Researchers at Emory University in Atlanta need TMJ patients to participate in their study. They are investigating people who experience chronic pain in the head and/or face in everyday life. They are using unique tests to find out how the brain processes chronic and acute pain messages and will observe patients to see how pain and sensory processing differs in TMD.

- **Impact of Daily Physical Activity and Chronic Musculoskeletal Pain Survey**

A research team from the Faculty of Rehabilitation Sciences of Hasselt University in Belgium is investigating the relationship between the intensity of daily physical activity and chronic musculoskeletal pain. They will be looking at fibromyalgia, chronic temporomandibular disorder, osteoarthritis, chronic neck pain, chronic shoulder pain, and chronic low back pain. The study involves an online survey, which will take approximately 50 minutes to complete.

- **University of Minnesota In-Person Study**

For those of you in the Twin Cities, Duluth, Rochester, or nearby areas, a researcher working with the University of Minnesota is looking for participants to collect data as an early step toward the development of a new medical device. There is one brief in-person meeting required, but the researcher can travel to meet you if you are interested.

- **University of Connecticut School of Dental Medicine Study: Conducting a Research Study on TMJ Pain**

This federally funded research project provides non-surgical treatments to persons with pain in the area of the TMJ. The purpose is to test a new treatment approach. All volunteers will get an X-ray of the face and will receive a splint (a mouth guard), plus non-steroidal anti-inflammatory drugs (like Advil) and weekly monitoring, as well as additional instruction in coping and managing the pain of temporomandibular dysfunction (TMD).

- **West Virginia University Study**

This research aims to explore the experiences of sexual minority (e.g., lesbian, gay, bisexual, asexual, queer, etc.) young adults (ages 18-24) with chronic pain in the healthcare system. To participate, you would complete surveys online (~45 mins) once. You may have the option to complete a confidential Zoom interview (~60 mins) with a member of the study team.

- **University of Illinois Chicago Study of Social Media's Influence**

We are conducting a research project at the University of Illinois, Chicago, involving patients with TMJ problems, **specifically those who have undergone or are going to undergo TOTAL JOINT REPLACEMENT** of the TMJ. We aim to evaluate the effect of social media on patients' choice of surgeon. If you meet the criteria and are willing to participate in this scientific project, please take 2 minutes of your time to answer this short survey of 10 simple questions.

EDUCATING MULTIPLE AUDIENCES – PATIENTS, PROFESSIONALS & THE PUBLIC

Articles & Alerts of Concern to Patients

- **Our Jaw Shape May Foretell Risk for Temporomandibular Disorders.** A recent NIDCR-funded study suggests that jaw shape may influence a person's risk for temporomandibular disorders (TMDs), which cause jaw pain, clicking, and dysfunction. Using artificial intelligence (AI) to analyze 3D jaw scans, researchers found that people with TMDs tend to have smaller lower jawbones and flatter condyles, leading to increased joint strain during chewing. Computer simulations further revealed that these structural differences may reduce oxygen supply to the jaw joint and increase muscle fatigue, potentially explaining why TMDs are more common in women and individuals with certain overbites. This research provides a foundation for improved diagnosis and personalized treatment using AI.
- **A New Model for Temporomandibular Joint Disc Replacement.** A recent study in the *Journal of Tissue Engineering and Regenerative Medicine* explored using goats as a model for testing temporomandibular joint (TMJ) disc replacements. Researchers used a scaffold made from pig intestine to support new tissue growth. While full disc replacement led to scaffold displacement and poor results, partial replacement allowed better integration, forming tissue similar to the original disc. Goats were chosen due to their TMJ's similarity to humans and extensive chewing behavior. These findings may help develop more effective TMJ disc replacements, improving patient outcomes and preventing severe joint damage.
- **A New Injectable Gel Offers Hope for People with Osteoarthritis.** Researchers have developed a groundbreaking injectable gel that may revolutionize treatment for temporomandibular joint osteoarthritis (TMJOA), a condition causing pain and jaw dysfunction in up to 16% of the population. Unlike current treatments that only ease symptoms, this hydrogel—made from tilapia-derived gelatin and hyaluronic acid—reduces inflammation and promotes cartilage regeneration. In animal studies, it restored damaged cartilage and altered immune responses to encourage healing. Affordable and easy to administer, this gel could provide a long-term solution for TMJOA and potentially other joint diseases if human trials confirm its effectiveness.
- **Exploring the Link Between the Temporomandibular Joint and Irritable Bowel Syndrome: What the Research Says.** A 2024 study in the *Journal of Clinical Medicine* highlights a connection between temporomandibular joint (TMJ) disorders and irritable bowel syndrome (IBS), two conditions that frequently coexist. Researchers suggest that shared factors—such as chronic pain, heightened stress responses, and inflammation—may contribute to both disorders, which are also more common in individuals with anxiety or depression. Recognizing this link could lead to more comprehensive treatment approaches, addressing both conditions together to improve patient care and quality of life. Further research is needed to better understand and manage this connection.
- **Facing the Challenges of TMD Care: A Call for Patient Protection.** A recent *CRANIO®* article by Drs. Daniele Manfredini and Steven Bender examine the ethical and

professional challenges of treating temporomandibular disorder (TMD) patients. As TMD cases become more complex, healthcare providers must navigate patient care, informed consent, and comprehensive management while considering the psychosocial impact of pain. Despite longstanding recommendations for a multidimensional approach, research still prioritizes physical diagnoses over psychosocial assessments. The authors advocate for stronger frameworks to support practitioners in delivering well-rounded, patient-centered care.

- **TMJ TedTalk by Suzie Bergman.** In this TEDx Talk, Dr. Bergman, a dentist who also lives with TMD, shares her unique perspective on the condition's complexities. She advocates for a holistic healthcare approach and better patient care. With three decades of experience in clinical practice, research, and advocacy, she lectures internationally and co-investigates TMD research at Oregon Health Science University.
- **Breakthrough on Tissue Preservation Offers New Hope for Knee and Jaw Patients.** A new study from Clemson University and the Medical University of South Carolina offers hope for TMJ and knee patients by developing a method to preserve donated meniscus tissue using vitrification. This freezing technique prevents ice crystal damage, allowing long-term storage and increasing graft availability for transplantation. TMJ disc degeneration often leads to surgery, but traditional replacement methods using a patient's own tissue can cause pain, functional loss, and complications. By optimizing vitrification with computational modeling and micro-CT imaging, researchers successfully preserved whole meniscus tissues, potentially revolutionizing treatment options for TMJ and knee disorders.
- **Veterinarians Pioneer Jaw Joint Replacement Impact for Cats and Dogs.** Researchers at UC Davis School of Veterinary Medicine have developed a TMJ replacement (TMJR) prosthesis for pets with fused or non-functioning jaw joints due to injury or disease. Led by Dr. Boaz Arzi, the team designed a device similar to human TMJ implants, featuring a plate affixed to the mandible and a socket attached to the skull. Unlike current treatments that allow pets to eat but leave their jaws permanently open, this innovation aims to restore function. With ongoing durability testing, pre-clinical trials are expected soon, offering hope for improved treatment options for affected cats and dogs.
- **Rare Diseases with TMJ Manifestations: A Systematic Review.** The systematic review by Shrivastava et al. (2023) examines rare diseases (RDs) that manifest with temporomandibular joint (TMJ) involvement. RDs, while individually uncommon, often cause chronic and progressive conditions that affect various parts of the body and lead to systemic health issues. Among these, temporomandibular disorders (TMD) are particularly impactful, yet there is limited data on the relationship between RDs and TMJ manifestations. The review aimed to provide an overview of RDs with TMJ involvement, using databases such as Orphanet and NORD/GARD for inclusion criteria. The review identified 54 rare diseases associated with TMJ manifestations, including Ehlers-Danlos Syndrome, juvenile psoriatic arthritis, Lyme arthritis, osteomyelitis, Kawasaki disease, multiple sclerosis, and systemic lupus. Thirteen distinct TMJ manifestations and TMD diagnoses were noted across 35 studies from PubMed and 19 from Orphanet. The findings highlight that TMJ involvement in rare diseases is relatively common and

emphasize the need for healthcare professionals to adopt a multidisciplinary approach to diagnosing and managing these complex cases.

- **Invisible Disabilities and the Job Hunt: Should You Bring it Up?** In an article by Sydney Pereira, Hope Tocci shares her experience with an invisible disability caused by a rare degenerative TMJ disorder. Misdiagnosed at 13, Tocci's condition worsened during college, leading to irreversible damage and weight loss. As a human resources professional, she learned her rights under the Americans with Disabilities Act (ADA), allowing her to request accommodations like remote work and a reduced 32-hour work week. These adjustments helped her manage pain and greatly improved her health.
- **FDA Said It Never Inspected Dental Lab That Made Controversial AGGA Device - KFF Health News.** Documents obtained through the Freedom of Information Act revealed that the FDA became aware of the Anterior Growth Guidance Appliance (AGGA) after a 2023 investigation by KFF Health News and CBS News. The FDA's inspection of Johns Dental found the lab failed to properly investigate customer complaints, including those about AGGA-related injuries, and had never reported any such complaints to the agency, despite FDA requirements.
- **Ethics of a Second Opinion in the TMD Field.** Dr. Charles Greene's editorial in *CRANIO®: The Journal of Craniomandibular & Sleep Practice* explores the ethics of providing second opinions in the field of temporomandibular disorders (TMD). He stresses the importance of offering honest, protective second opinions, especially given the wide variety of diagnostic and treatment approaches in TMD care. Greene acknowledges the challenge of disagreeing with previous diagnoses or treatments without discrediting other professionals. He also highlights the ethical responsibility to protect patients from potentially harmful treatment philosophies while respecting the diversity of opinions in the field. The editorial concludes with a dedication to Terrie Cowley, the TMJA's Co-founder and president.

Promoting and Advocating for Scientific Research

- For over 35 years, TMJA's advocacy efforts have resulted in **congressional report language** in which funding committees communicate to federal agencies, such as the National Institutes of Health, that our elected officials are concerned about the plight of TMD patients and propose initiatives needed to improve their health care and lives.
- TMJA encourages the National Institute of Dental and Craniofacial Research **to increase funding to expand the scientific base** for the project: Temporomandibular Disorders: From Research Discoveries to Clinical Treatment.
- The TMJ Association continues to lead the first-ever **TMJ Patient-Led RoundTable project**, working with the FDA, bringing together all stakeholders concerned not only with TMJ implants but all therapies. TMD patients are members of the steering committee and the working groups, and are also co-chairs of the working groups. The project began in 2016 and continues its critical work.
 - The RoundTable is developing a framework for the first-ever TMJ patient registry in collaboration with the FDA, other federal agencies, and stakeholders. The goal of the

registry is to establish a scientifically valid compendium of data that can reliably predict treatment outcomes for individual patients.

- Other RoundTable projects include developing Patient Reported Outcomes for the TMJ registry using patient focus groups and Core Data Elements:
 - a list of specific data collected from patients, health care providers, and electronic health records.
 - a new treatment model of care for TMJ patients
- **The National Academies of Sciences, Engineering, and Medicine Forum on Temporomandibular Disorders (TMDs)** was established to foster collaboration across public and private sectors, advance multidisciplinary research, and improve TMD care. The Forum addresses the complex etiology of TMDs, bridges the medical-dental divide, enhances access to quality care, explores insurance and cost issues, and raises awareness while reducing stigma. It will also consider the bioethical aspects of TMD research. The TMJ Association is an active participant and contributes to these efforts.
- **The TMJ Association's International Scientific Advisory Council's (TMJA-ISAC)** major goal is to advocate for high-quality biomedical research directed toward Temporomandibular Disorders and comorbidities that overlap with TMD. To address this goal, TMJA-ISAC will provide advice and strategic direction to enhance this mission by creating and implementing an overall agenda for biomedical research. TMJA-ISAC will assist the TMJA in identifying resources among governmental, academic, industry, professional organizations, and charitable foundations to support activities that will lead to scientifically based precision treatments for TMJ patients. Advisors are listed at: <https://tmj.org/about-the-tmj-association/our-team/scientific-advisors/>
- **Cutting Edge: the Chronic Pain Research Alliance**, an initiative of the TMJ Association, publishes *COPCs Research Advances*, an electronic newsletter. It was developed to keep the medical-scientific community abreast of recent research advances.
- **Bringing Dental and Medical Students Together to Learn About TMD** On February 8, 2024, second-year dental students from Marquette University Dental School in Milwaukee joined first-year medical students from the Medical College of Wisconsin (MCW) in the second combined TMD educational session, which was held at MCW. The session was designed as an interprofessional activity to increase understanding of TMD and the need for collaboration in providing effective clinical care. The medical and dental students enjoyed their interactions with each other, which encouraged future planning and understanding between the two professions. An article featured in [Marquette Today](#) highlights the collaborative efforts of the School of Dentistry and the MCW in bridging the gap to address jaw disorders.
- The TMJA promoted **TMJ Awareness Month** and kicked off a social media campaign to bring awareness and education to this issue during the entire month of November.

NIH Funding Announcements and Research Grant Opportunities

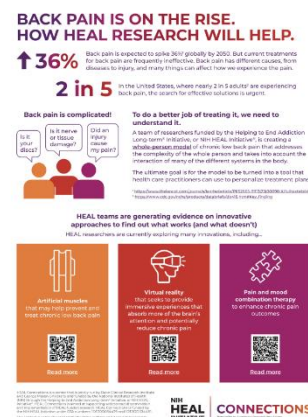
- **Notice of Funding Opportunity Invites for Applications: TMD Collaborative for IMproving PAtient-Centered Translational Research (TMD IMPACT) (U54 Clinical Trial Optional)**

This Notice of Funding Opportunity (NOFO) invites applications for the [Temporomandibular Disorder \(TMD\) Collaborative for Improving Patient-Centered Translational Research \(TMD IMPACT\)](#). The

purpose of this NOFO is to establish a national, interdisciplinary, patient-centered research collaborative that will advance TMD basic and clinical research, research training, and translation to evidence-based treatments and improved clinical care. TMD IMPACT is a collaborative agreement (U54), and each Center will be composed of an Administrative Core, Bioinformatics/data science Core, Outreach, Training, and Education Core, and one to three Research Projects.

- **NIH Funds Innovative Research on Back Pain**

The [Chronic Pain Research Alliance](#), an Initiative of the TMJA, focuses on advancing a collaborative and collective approach to the research, care and treatment of TMD and its overlapping conditions, including chronic low back pain. A recent study published in *The Lancet* found that by 2050, a 36% increase in the total number of cases of low back pain is expected globally, driven by population growth and aging. To address the complexity of low back pain and its comorbidities through a [whole-person model](#), the National Institutes of Health recently funded the [Back Pain Consortium \(BACPAC\) Research Program](#). To learn more about some of the innovative research approaches included in BACPAC, click [here](#) to view this new infographic.



Engagements, Events, and Advocacy Highlights

The TMJ Association and its leadership team have actively participated in a range of important scientific, policy, and advocacy events throughout 2024, continuing to raise awareness, foster collaboration, and push for patient-centered research and care:

- **Christin Veasley**, Director of the Chronic Pain Research Alliance (CPRA), was appointed to the Advisory Study Team for Duke University's NIH-funded study, *"A Novel Clinically-Relevant Mouse Model of Chronic Overlapping Pain Conditions for Screening Analgesics."*
- **The TMD Patient-led RoundTable**, co-chaired by **Terrie Cowley** and **John Kusiak**, held monthly meetings throughout the year. Committee members include **Allen Cowley**, **Lisa Schmidt**, and **Michelle Reardon**.
- The **TMJ Symphony/TMJ IMPACT** initiative convened meetings on **February 5, 6, and 29**, with active participation from **Allen Cowley**, **Terrie Cowley**, **Lisa Schmidt**, and **Deanne Clare**. A regional **California TMJ IMPACT** meeting was held on **February 21**.
- The **National Academies of Sciences, Engineering, and Medicine (NASEM) Forum on TMD** held key sessions on **March 4–5** and **June 5–6**, 2024. TMJA was a lead contributor to both events.
- **Terrie and Allen Cowley** represented TMJA at the **American Association for Dental, Oral, and Craniofacial Research (AADOCR)** meeting in **New Orleans**, held **March 14–15**.
- They also attended the **TMD International Bioengineering Research Meeting** in **Philadelphia** on **April 26–27**.
- In **April 2024**, **Lisa Schmidt** participated in a pre-clinical research meeting with the **University of California, Irvine**, and later presented at a joint **NIDCR/NHLBI** meeting in **May**.
- **Christin Veasley** presented at the **NINDS Nonprofit Forum** on **July 24**, continuing efforts to integrate TMJ-related conditions into broader pain research priorities.

- TMJA observed **TMJ Awareness Month** in **November** by sharing new research insights and highlighting patient realities across digital platforms.
- The **TMJA Store** was promoted as a way to support the cause and raise awareness, with outreach across **Facebook, Instagram, and LinkedIn**.
- Additional **TMJ Symphony/TMJ IMPACT** meetings are scheduled for **September** and **November 2024**.
- **NASEM Working Group** meetings on **TMJ Care Pathways** are set for **September 11 & 30** and **October 7, 29 & 30**.
- On **October 1**, **Dr. Alejandro Almarza**, TMJA Scientific Advisor, presented at a **NASEM Regenerative Medicine Meeting**, focusing on **TMJ disc regeneration**.

The TMJA is Grateful for our Many Contributors in 2024

\$10,000+

Alexandra Alger
John and Martha Burkhalter
Heidi and Kevin Clark
Allen W. Cowley, Jr.
Catherine Lemann
NIH Heal Connections
Stanford University School of Medicine

\$1,000-\$5,000

Carl Altenburg *in memory of Joanne Altenburg*
Karen Berkley
Elizabeth and Donald Birk
Manuel Bonilla
Susan Cella
CSI: OPIOIDS
Independent Charities of America
Howard and Lisa Jacob
John and Audrey Kusiak
Fanny and Jean-Francois Liard
Nancy McGoon
Greg and Karen McQuestion
Robin Mendenhall
Robert Mier
MIRQHL
Sheila Moore *in memory of Karen Kelush*
Michelle Reardon
Lisa and Mark Schmidt
Anthony and Lucy Shaker
Meredith Skelton
Christian and Catherina Stohler
Charles Sturm
Louise and William Symington
United Way of Greater Milwaukee & Waukesha
Christin and Melvin Veasley
Joan Wilentz
Hai Yao

\$500-\$999

Frederick and Kay Austermann
Etienne and Marianne Clare
Diane Hoffmann
Barbara Laboski
Cameron Maltby *in memory of Spencer Maltby*
Stanley and Sandra Markman
Rhonda Markman
American Academy of Orofacial Pain

\$250-\$499

Anonymous
Lisa Baker
Kathy Barrett *in honor of Jerry Woolstrum and Barbara Olson*
Allan Basbaum
Carol Benjamin
Deanne and Markus Clare
Facebook
Gayle and William Fairchild
James Farina
Felicia Furman
Melissa Ghim
Doris and Edward Heiser
Nicole Lohr
Sean Mackey
Bettie Sue Masters
Felecia McBride-Robertson
Gary and Beverly Nyhuis *in honor of Marsha Love*
Richard Traub
Carol Weinhoff

\$100-\$249

Ann Brice
John Benjamin
Susan W. Herring
Jung-Ja Kim
Theresa Kurth
John and Bettie Moser *in memory of Bob Agnew*
William Schmidt
John and Diane Watson
David Vassilakis
Randy Mages
Jessika Morales
Kristina Connoy
Phyllis Hoyer
Clara Bauer
Rajesh Batra and Ann Polten
Britni Bentley
Erika Clugston
Ranjan Dash
Mark Drangsholt
Len and Heather Ferman
Aron Geurts
Kristine Hengel
David Hilker and Lisa Walter
Matthew Hodges
Vickie and Richard Katschke
Robert Kerns
Jeffrey and Marja Koenitzer

\$100-\$249 cont'd.

Angela Lemke
Dianne Lerner
Brad Leventhal
Marsha and Daniel Love
Suzi and Scott Lustgarten
Terrence McCaughey
Medical College of Wisconsin
Pedro and Karen Mendez
Annette Michaluk
Gregory Miller
Luis Gabriel Navar
Brian and Elizabeth Naylor
Shirley Nylund
Barbara Olson
Connie Peirson
Joseph Kerschner and John Raymond
Michele Rifelj
Judi Sanders
Jeffrey Shuren
The Park At Elm Grove
Jean Thumann
University of Michigan Medical School
Eleanor Williams *in memory of Jennifer Williams*
Lisa Wolff

\$50-\$99

Anonymous
Janice Agnew *in memory of Diane Agnew*
Maryann Antonia-Loy
Said Audi
Aimee Balistreri
Leon Bote
Maggie Buckley-Brown
Mary and John Butterfield
Ann-Marie DePalma
Candee Doneiko
Jennifer Green
Carolyn Hoffman
Susie Kruse
Mary Jane McKenzie
Derek Meisner
Marilyn Micoletti
Matthew Overlan
Sharon Rubin
Anet Skarbek
William Swislow
Jessica Wallace

\$1-49

Anonymous (2)
America's Charities
Joan Beneditti
Carolyn Blair
Gary Brodsky
Edward Burhard
Joan Chapp
Patricia Davis
Kira and Robert Dumais
Joanne and Robert Eckert
Linda Esrick
Cheryl and Martin Frank
Louis Haick
Catherine Hellner
Leslie Jaspersen
Stela Koeva
Dale and Mary Kukla
Lina Li
Lisa Lutz
Catherine MacCollum
Maryland Charity Campaign
Jennifer and Thomas McNeese
Paypal Giving Fund
Lali Peer
Nicholas Rodriguez
Carol Stanaszak
Peter Stasko
Mark and Valerie Tomasino
Karen and Richard Turpin
Victoria Villalta
Chamini Vithanage *in honor of Minaya Ranaweera*
Adrienne Wenz
Todd Winer

In Memory of Terrie Cowley

Alexandra Alger
Carl Altenburg
American Academy of Orofacial Pain
Maryann Antonia-Loy
Said Audi
Fred and Kay Austermann
Aimee Balistreri
Carol Benjamin
John Benjamin
Karen Berkley
Leon Bote
Manuel Bonilla
Ann Brice
Markus and Deanne Clare
Ranjan Dash
Heather Ferman
Martin Frank
Aron Geurts
Melissa Ghim
Jennifer Green
Doris Heiser
Kristine Hengel
Susan Herring
Matthew Hodges
Carolyn Hoffman
Phyllis Hoyer
Howard and Lisa Jacob
Vickie and Richard Katschke
Jung Ja Kim
Jeffrey Koenitzer
Theresa Kurth
Angela Lemke
Fanny and Jean-Francois Liard
Nichole Lohr
Marsha and Daniel Love
Catherine MacCollum
Sean Mackey
Randy Mages
Bettie Sue Masters
Mary Jane McKenzie
Jennifer McNeese
Greg and Karen McQuestion
Pedro and Karen Mendez
Greg Miller
Brian and Elizabeth Naylor
Luis Navar
Barbara Olson

The Park at Elm Grove
Connie Peirson
Joseph Kerschner and John
Raymond
Michelle Reardon
Michele Rifelj
Lisa and Mark Schmidt
Anthony Shaker
Jeffrey Shuren
Meredith Skelton
Anet Slarbek
Chamini Vithanage
John and Diane Watson
Joan Wilentz

Statement of Activities and Changes in Net Assets For the Year Ended December 31, 2024

Summary of Revenue & Support

Contributions	\$198,380
Dividend and interest	1,893
In-kind contributions	1,258
Other	866
Program earned income	41,622
Total revenue and support	\$244,019

Summary of Expenses

Program	\$100,293
Administrative	10,406
Fundraising & Related Expenses	7,435
Total expenses	\$118,134
Change in net assets	125,885
Net assets, beginning of year	187,875
Net assets, end of year	\$313,760

The TMJ Association is a non-profit tax-exempt organization. A copy of the annual financial report of The TMJ Association can be obtained by contacting: Krause & Associates, SC, 1214 Bridge Street, Grafton, WI 53024